

7. Rates and Price Indices

This section contains information on telephone price indices and rate levels.¹ It describes and presents a series of price indices maintained by the Bureau of Labor Statistics (BLS). It also discusses rate levels and changes in average rate levels.

Telephone Service Price Indices

The BLS collects a variety of information on telephone service as part of three separate programs -- the Consumer Price Index (CPI), the Producer Price Index (PPI), and the Consumer Expenditure Survey. They can be found on the Internet at www.bls.gov/data. The monthly price indices represent prices sampled in the middle of the month.

A Consumer Price Index for telephone services was first published in 1935.² Since that time, telephone prices have tended to increase at a slower pace than most other prices. Table 7.1 shows long-run changes in the Consumer Price Indices for all items, all services, telephone services, each of the seven major categories that currently constitute the overall CPI, and several services that are often characterized as public utilities. The price of telephone service has increased less rapidly than the prices of most of these categories when viewed over a long period of time. Chart 7.1 shows the levels of the overall CPI and the CPI for telephone services over time.

The CPI index of telephone services is based on a "market basket" intended to represent the telephone-related expenditures of a typical urban household. It includes both local and long distance services. The annual rate of change during recent years is shown in Table 7.2 for the overall CPI (which measures the impact of inflation on consumers), and the CPI for telephone services. In addition, Table 7.2 shows the Gross Domestic Product chain-type price index (which reflects inflation throughout the economy) prepared by the Bureau of Economic Analysis. Chart 7.2 shows the changes in the overall CPI and the CPI for telephone services over time.

For 2001 the nation's overall level of prices (measured by the CPI for all items) rose by 1.5%. The CPI for telephone services rose by 1.3% during 2001. The CPI for telephone services is composed of three subindices. During 2001, the local service component (including subscriber line charges) rose by 4.5%, while the price index for interstate toll calls fell by 2.0%, and the price index for state toll calls fell by 1.7%. The changes in these subindices over time are shown in Chart 7.3.

1 For more detailed information, see Industry Analysis and Technology Division, Wireline Competition Bureau, Federal Communications Commission, *Reference Book of Rates, Price Indices, and Household Expenditures for Telephone Service* (July 9, 2002). Much, but not all, of the material in this section is based on that report.

2 BLS publishes two sets of Consumer Price Indices. The CPI-U, used herein, is based on expenditures of all urban consumers. The CPI-W series is based on expenditures of urban wage earners and clerical workers.

The Bureau of Labor Statistics publishes a number of price indices related to local telephone service, two of which are important to the monitoring program. The CPI index of local telephone charges is based on a broadly defined "market basket" of local services that includes monthly service charges, message unit charges, leased equipment, installation, service enhancements (such as tone dialing and call waiting), taxes, subscriber line charges, and all other consumer expenditures associated with local telephone services except long distance charges. In contrast, the PPI index of monthly residential rates is much more narrowly defined. It is based only on monthly service charges for residential service, optional tone dialing service, and subscriber line charges. It excludes taxes and all other telephone service charges. The annual rates of change for these two indices are presented in Table 7.3.

CPI data are available for intrastate toll and interstate toll services since December 1977. Table 7.3 also presents the annual changes in these series for recent years.

Price indices are less reliable when industries are changing rapidly. For example, in 1992, long distance carriers began to increase basic long distance rates while at the same time greatly expanding their range of discount offerings aimed at medium and heavy users of long distance service. The fixed market basket of toll calls measured for the CPI did not fully reflect these discounts. In 1998, the CPI for telephone services was altered to include cellular telephone services, making the new index not directly comparable to prior years. In 1995, BLS made major changes to the PPI telephone series, and there are no data after July 1995 comparable with prior data. At that time the BLS introduced revenue-weighted telephone price indices. The new indices categorize the telephone industry into much finer detail, though the new series are not comparable to the old in many categories. Because of these sorts of difficulties, measures of average revenues are sometimes used as alternatives to price indices.

Monthly data for the CPI telephone indices are shown in Table 7.4. Monthly data for the new CPI indices are shown in Table 7.5, and the current PPI indices are shown in Table 7.6.³

Information on Rate Levels

Local rates are regulated by state regulatory agencies and vary greatly from area to area. Characterization of any rate as "typical" is therefore difficult. Table 7.7 presents average local residential rates in urban areas. The price indices published by the BLS indicate percentage changes in the price of the telephone services. The BLS does not publish the actual level of rates. The averages shown in Table 7.7 are based on an FCC survey using the same sampling areas and weights used by the BLS in constructing the Consumer Price Index. In October 2001 the national average for the representative total residential service charge was \$21.84 monthly. The average charge for connecting new phone service was \$42.72.

Table 7.8 presents average monthly local rates **for** single-line business customers in urban areas. Like the residential rates presented above, they are based on an FCC survey using the

3 The discontinued Producer Price Indices through July 1995 can be found in Table 5.6 of the *Monitoring Report*, CC Docket No. 87-339, May 1997.

same sampling areas and weights used by the BLS in constructing the Consumer Price Index. In October 2001, the representative average monthly charge was \$42.18, while the average charge for connecting phone service was \$72.38. Table 7.9 presents comparable data for businesses with a key system line, showing an average monthly charge of \$49.43 in October 2001, and an average connection charge of \$174.85. Table 7.10 presents comparable data for businesses with a PBX trunk, showing an average monthly charge of \$52.90 in October 2001 and an average connection charge of \$174.25.

Basic schedule rates of AT&T, WorldCom, and Sprint for representative directly dialed interstate long distance calls are shown on an annual basis for 1980 through 2000 in Table 7.11 for residential customers and Table 7.12 for business customers. Higher charges apply to other types of calls, such as those using operator assistance. Lower prices are available through calling plans and other volume discounts. In 1993, AT&T first began to charge different rates to residential and business customers. Since 1984, as a result of telephone rates becoming less distance sensitive, basic schedule charges for directly dialed interstate calls have fallen for calls over longer distances and risen for calls over shorter distances.

Table 7.13 contains average revenue per minute for interstate calls. These estimates show that billed revenue per minute has declined over time for both international and domestic services.

Subscriber Line and Access Charges

Long distance companies rely on the loops, switches, and transport facilities of local telephone companies for access to their customers. As a result, local telephone companies recover a portion of their costs from long distance companies accessing their networks. Both the manner in which these access charges have been assessed and the proportion of the costs they have recovered have varied considerably over time.

In the early 1980s, AT&T provided about three-quarters of the nation's local telephone service and almost all interstate long distance service. Because revenue sharing was largely an internal process for AT&T, it was able to charge prices above cost for long distance calls and share the revenues with local telephone companies. These transfers, while reducing the pressures on the local companies to raise monthly local rates, contributed to inefficiently high long distance rates. The high rates were responsible for suppressing demand for long distance calls and inducing large corporations to bypass the public switched network. Moreover, while such revenue sharing arrangements were sustainable in an industry where one ~~firm~~ monopolized both long distance and local service, they were not compatible with a competitive long distance industry.

In mid-1984, the FCC, in cooperation with a Federal-State Joint Board comprised of both federal and state regulators, introduced sweeping changes to the way that local companies charged for their services. The historic method of sharing revenues was replaced with a new system of access charges that provided a uniform method for local telephone companies to charge for the origination and termination of interstate traffic on their local networks. In particular, monthly subscriber line charges (SLCs) were introduced to recover a portion of the fixed costs of the local telephone companies' loops directly from end users on a per-line basis.

Since local telephone companies were required to reduce their charges to long distance carriers -- dollar for dollar -- the introduction of SLCs permitted reductions in implicit subsidies from long distance service to local service. The rebalancing of prices between local service and interstate long distance calls during the 1980s had a fundamental impact on the telephone industry as the price of long distance service fell and the volume of long distance calling surged.

In mid-1997, as part of its implementation of the 1996 Telecommunications Act, the FCC introduced further interstate access charge reform. Presubscribed interexchange carrier charges (PICCs) were created in order to allow local carriers to recover the remaining portion of their fixed loop costs from long distance carriers on a per-line, instead of a per-minute, basis. A further access charge reform was adopted on May 31, 2000, which eliminated the PICC and consolidated it with the SLC. This took effect on July 1, 2000.⁴

Average monthly SLCs and PICCs are shown in Table 7.14 and average per-minute rates charged to long distance carriers are shown in Table 7.15. Both tables report historical averages for all local exchange carriers (LECs) that file access tariffs subject to price-cap regulation and LECs in the National Exchange Carrier Association (NECA) pool. These LECs control over 98% of the industry's regulated access lines. Current per-line charges and per-minute charges are reported for each of the carriers in Tables 7.16 and 7.17, respectively.

The averages in Table 7.15 clearly illustrate the effectiveness of access reform in reducing the prices long distance carriers pay per minute for access to the local telephone companies' networks. The reductions in per-minute access prices over time have been a major contributing factor to reductions in long distance prices.

4 Although the changes took effect on July 1, some companies made subsequent adjustments to their tariffs, which did not take effect until August 11.

Table 7.1
Long-Term Changes for Various Price Indices
 (Annual Rates of Change)

	1935 - 2001	1989 - 2001
CPI All Items	3.8 %	3.0 %
CPI All Services	4.3	3.7
CPI Telephone Services **	1.4	0.6
CPI Major Categories:		
- Food & Beverages	*	2.8
- Housing	*	3.1
- Apparel	2.5	0.8
- Transportation	3.5	2.5
- Medical Care	5.0	5.2
- Recreation ***		1.8
- Other Goods & Services	*	5.6
CPI Public Transportation	4.8	4.1
CPI Utility Natural Gas Service	3.8	4.2
CPI Electricity	1.9	1.5
CPI Sewer & Water Maintenance		4.3
CPI Postage	3.9	2.7

* Series not established until after 1935.
 ** The CPI telephone service index was revised in December of 1997.
 *** Series not established until 1993. Figure reflects annual change between 1993 and 2001

Source: Bureau of Labor Statistics.

Chart 7.1

CPI All Items and CPI Telephone Services
 1982- 1984 = 100

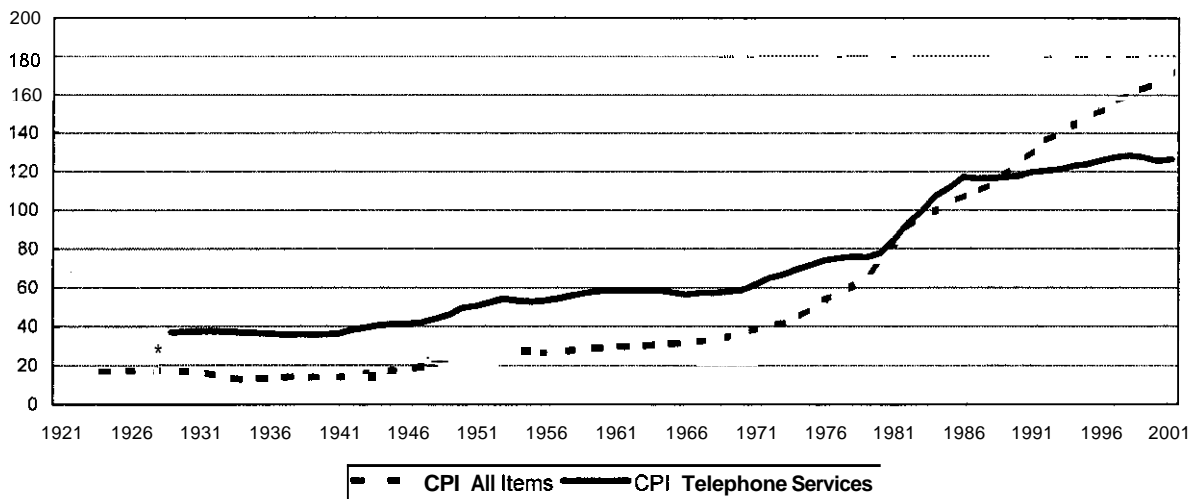


Table 7.2
Annual Changes in Major Price Indices

	GDP Chain-type Price Index	CPI - All Items	CPI - Telephone Services
1978	7.7 %	9.0 %	0.9 %
1979	8.6	13.3	0.7
1980	9.8	12.5	4.6
1981	8.3	8.9	11.7
1982	5.2	3.8	7.2
1983	3.4	3.8	3.6
1984	3.6	3.9	9.2
1985	3.0	3.8	4.7
1986	2.2	1.1	2.7
1987	3.2	4.4	-1.3
1988	3.7	4.4	1.3
1989	3.5	4.6	-0.3
1990	4.2	6.1	-0.4
1991	3.1	3.1	3.5
1992	2.3	2.9	-0.3
1993	2.4	2.7	1.8
1994	2.1	2.7	0.7
1995	2.1	2.5	1.2
1996	1.9	3.3	2.1
1997	1.8	1.7	0.2
1998	1.1	1.6	0.3 *
1999	1.6	2.7	0.4
2000	2.3	3.4	-2.3
2001	2.0	1.6	

* The CPI telephone service index was revised in December of 1997.
Sources: Bureau of Labor Statistics and Bureau of Economic Analysis

Chart 7.2
CPI All Items and Telephone Services

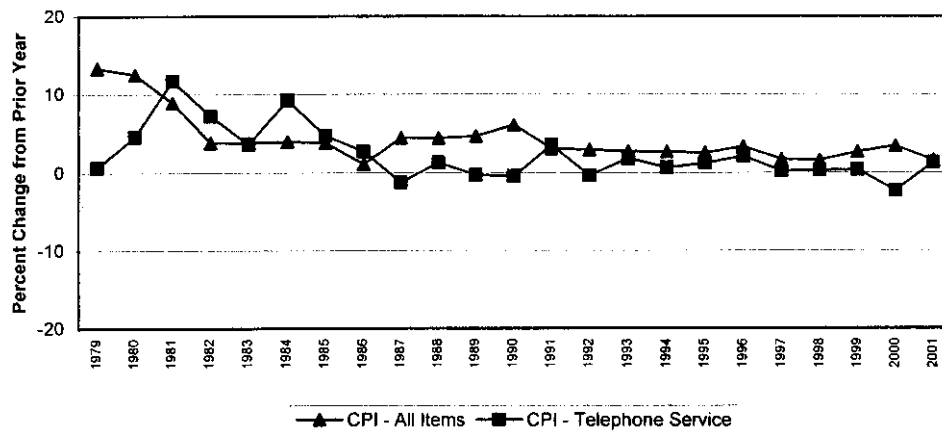


Table 7.3
Annual Changes in Price Indices for
Local and Long Distance Telephone Services

	Local Residential Service		Toll Service *		Intrastate	
	CPI	PPI	Interstate		CPI	PPI
			CPI	PPI		
1978	1.4 %	3.1 %	-0.7 %	0.0 %	1.3 %	0.1 %
1979	1.7	1.6	-0.8	-0.9	0.1	-0.7
1980	7.0	7.1	3.4	5.5	-0.6	2.3
1981	12.6	15.6	14.6	15.9	6.2	8.0
1982	10.8	9.0	2.7	3.9	4.2	1.7
1983	3.1	0.2	1.4	0.0	7.4	3.9
1984	17.2	10.4	-4.3	-5.1	3.6	3.8
1985	8.9	12.4	-3.7	-3.0	0.6	2.1
1986	7.1	8.9	-9.4	-10.0	0.3	-3.5
1987	3.3	2.6	-12.4	-11.8	-3.0	-3.0
1988	4.5	4.6	-4.2	-2.1	-4.2	-3.8
1989	0.6	1.9	-1.3	-1.7	-2.6	0.5
1990	1.0	1.5	-3.7	-0.1	-2.2	-2.2
1991	5.1	2.1	1.3	-1.3	-1.5	-2.6
1992	0.5	-0.2	-1.3	1.0	-2.4	1.3
1993	1.0	0.8	6.5	3.8	0.2	-1.1
1994	-0.3	0.7	5.4	6.1	-1.0	-1.4
1995	2.6	**	0.1	**	-3.8	**
1996	0.9	0.2	3.7	0.7	6.1	0.9
1997	1.0	0.2	-4.3	7.8	2.8	-4.3
1998	1.3	-0.1	-0.8	-0.4	1.5	-3.7
1999	2.8	0.2	-0.7	2.3	-1.6	-2.7
2000	5.5	1.6	-11.2	-4.3	-6.0	0.1
2001	4.5	2.5	-2.0	-8.0	-1.7	0.6

Source: Bureau of Labor Statistics

* CPI toll indices represent rates for households. Through 1994, PPI toll indices represent rate changes for both business and residential consumers. Since 1995, PPI indices reflect rates for residential customers.

** The PPI telephone indices were revised in June of 1995. The series are not comparable. Due to substantial month to month variation in the new PPI indices, PPI price levels are determined using a five-month weighted average.

Chart 7.3
CPI Telephone Service Price Indices

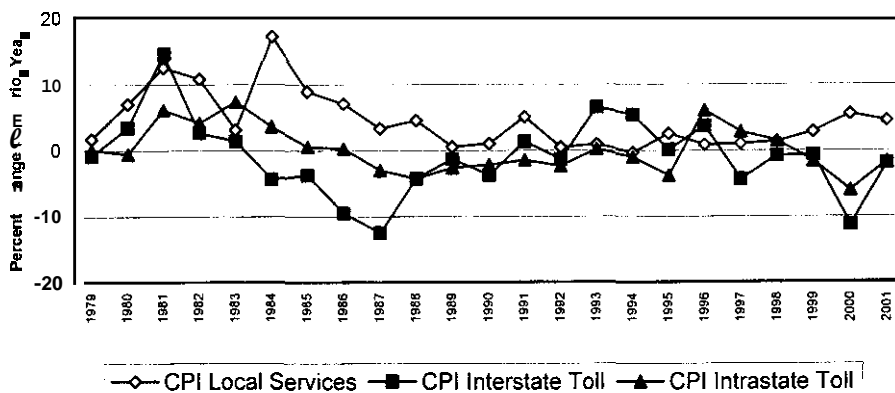


Table 7.4
Consumer Price Indexes
(1982-1984=100)

	All Goods & Services	All Telephone Services	Local Services	Interstate Toll Service	Intrastate Toll Service
ILS Series ID	CUUROOOOSA	CUUR0000SE270A	CUUROOOOSEDO	CUUR0000SS27051	CUUR0000SS27061
1983 January	97.1	98.1	97.2	100.9	97.3
February	97.1	98.3	96.8	101.6	98.9
March	97.1	98.5	97.0	101.6	99.3
April	98.1	98.4	96.8	101.6	99.5
May	99.2	98.6	97.5	101.6	100.0
June	99.4	99.3	98.1	101.6	100.2
July	99.5	99.5	98.1	101.7	100.9
August	100.2	99.6	98.3	101.7	101.0
September	100.1	99.9	98.6	101.7	101.2
October	101.0	99.7	98.3	101.4	101.6
November	101.2	100.4	99.5	101.4	102.3
December	101.3	99.9	98.3	101.3	102.2
1984 January	101.5	105.0	106.7	101.3	104.2
February	102.1	107.0	110.0	102.1	104.2
March	102.1	106.4	109.1	102.1	104.1
April	103.1	106.7	109.1	102.0	105.6
May	103.1	106.9	109.5	102.3	105.1
June	103.7	107.1	110.7	98.9	106.5
July	104.1	107.7	112.3	96.9	107.5
August	104.5	107.9	112.9	96.8	106.6
September	105.0	108.7	114.3	96.8	106.5
October	105.3	108.8	114.5	97.0	106.5
November	105.3	109.4	115.4	96.9	107.1
December	105.3	109.0	115.2	96.9	105.9
1985 January	105.5	109.3	115.6	96.9	105.9
February	106.0	108.3	113.8	96.9	105.8
March	106.4	109.5	116.0	96.9	106.1
April	106.6	109.4	115.8	96.9	106.0
May	107.3	109.6	116.0	97.4	105.8
June	107.6	112.1	121.3	94.7	106.2
July	107.8	112.9	123.0	93.1	107.5
August	108.0	113.6	123.9	93.3	107.8
September	108.3	113.7	124.2	93.3	107.8
October	108.7	113.8	124.3	93.3	108.0
November	109.0	114.2	125.2	93.3	107.9
December	109.3	114.1	125.5	93.3	106.5
1986 January	109.6	114.6	126.2	93.3	106.7
February	109.3	114.8	126.4	93.3	107.0
March	108.8	115.3	127.2	93.3	107.1
April	108.6	116.5	129.5	93.3	106.8
May	108.9	116.5	129.5	93.3	106.9
June	109.5	118.7	135.6	88.0	106.7
July	109.5	118.7	137.0	84.7	106.7
August	109.7	118.8	137.2	84.4	107.0
September	110.2	118.3	136.5	84.4	106.5
October	110.3	118.9	137.5	84.4	106.8
November	110.4	117.6	135.1	84.4	106.5
December	110.5	117.2	134.4	84.5	106.8

Table 7.4
Consumer Price Indexes
(1982-1984=100)

	All Goods & Services	All Telephone Services	Local Services	Interstate Toll Service	Intrastate Toll Service
ILS Series ID	CUUR0000SAC	CUUR0000SE270A	CUUR0000SEED0	CUUR0000SS27051	CUUR0000SS27061
1987 January	111.2	116.6	137.E	77 1	107.0
February	111.6	116.4	137.5	77 1	106.4
March	112.1	116.4	137.4	77 1	106.4
April	112.7	116.7	138.2	77 0	106.3
May	113.1	116.4	138.1	76 7	105.2
June	113.5	115.6	137.5	76 7	102.7
July	113.8	116.6	141.C	73 4	104.0
August	114.4	117.0	141.5	73 4	103.8
September	115.0	116.6	140.5	73 7	103.5
October	115.3	117.0	141.3	73 7	104.1
November	115.4	116.9	141.4	73.7	103.6
December	115.4	115.7	138.5	74.0	103.6
1988 January	115.7	115.8	139.9	72.2	104.1
February	116.0	116.6	141.6	72.2	103.6
March	116.5	116.2	141.1	72.0	103.2
April	117.1	116.6	142.0	72.1	102.9
May	117.5	116.6	142.0	72.1	102.8
June	118.0	115.8	140.8	72.1	102.3
July	118.5	115.8	141.4	72.1	100.3
August	119.0	114.8	139.4	72.1	100.3
September	119.8	115.6	140.6	73.1	100.0
October	120.2	115.8	141.1	73.1	99.4
November	120.3	115.7	140.9	73.1	99.4
December-	120.5	117.2	145.2	70.9	99.2
1989 January	121.1	116.8	145.0	70.9	97.4
February	121.6	116.6	144.7	70.8	97.4
March	122.3	116.2	144.1	70.8	96.9
April	123.1	117.2	146.6	70.0	96.8
May	123.8	117.9	147.8	69.8	97.4
June	124.1	117.6	147.2	69.8	97.4
July	124.4	117.8	147.8	69.6	97.0
August	124.6	117.7	147.6	69.6	97.0
September	125.0	117.8	147.9	69.6	96.9
October	125.6	116.9	146.2	69.6	96.7
November	125.9	117.2	146.8	69.6	96.8
December	126.1	116.9	146.0	70.0	96.6
1990 January	127.4	117.6	148.4	69.1	95.2
February	128.0	117.9	149.0	69.0	95.1
March	128.4	118.2	149.7	69.0	95.0
April	128.9	118.4	150.0	69.0	95.1
May	129.2	118.0	149.2	69.0	95.2
June	129.9	118.0	149.2	69.0	95.3
July	130.4	115.5	145.4	67.4	95.4
August	130.6	117.7	149.7	67.4	95.3
September	132.7	117.9	150.1	67.4	95.2
October	133.5	118.6	151.4	67.4	94.8
November	133.8	118.6	151.4	67.4	94.7
December	133.8	116.4	147.5	67.4	94.5

Table 7.4
Consumer Price Indexes
(1982-1984=100)

	All Goods & Services	All Telephone Services	Local Services	Interstate Toll Service	Intrastate Toll Service
LS Series ID	CUUR0000SA	CUUR0000SE270A	CUUR0000SEED0	CUUR0000SS2705	CUUR0000SS27061
1991 January	134.6	119.3	153.4	67.1	93.4
February	134.8	119.2	153.2	67.1	93.4
March	135.0	119.3	153.2	67.5	93.3
April	135.2	119.3	153.4	67.5	92.9
May	135.4	119.3	153.6	67.5	92.6
June	136.0	119.5	153.6	67.5	93.1
July	136.2	119.6	153.8	67.5	93.2
August	136.6	119.7	154.1	67.5	93.2
September	137.2	119.9	154.2	68.C	93.1
October	137.4	120.0	154.5	68.C	92.9
November	137.8	120.4	155.0	68.2	93.3
December	137.5	120.5	155.0	68.3	93.1
1992 January	138.1	120.8	155.8	68.6	92.5
February	138.E	120.8	155.8	68.E	92.2
March	139.3	120.9	156.2	68.E	91.8
April	139.5	120.8	156.2	68.F	91.4
May	139.7	120.8	156.2	68.E	91.4
June	140.2	119.9	154.7	68.2	91.2
July	140.5	120.3	155.7	67.5	91.4
August	140.9	120.1	155.4	67.6	91.2
September	141.3	120.0	155.3	67.4	91.1
October	141.E	120.0	155.4	67.4	91.0
November	142.C	120.0	155.4	67.4	90.9
December	141.9	120.1	155.7	67.4	90.9
1993 January	142.E	120.7	156.4	68.3	90.6
February	143.1	120.7	156.3	68.3	90.6
March	143.E	120.9	156.3	69.C	90.7
April	144.0	120.3	155.3	69.0	90.5
May	144.2	120.9	156.3	69.0	90.6
June	144.4	120.7	156.0	69.C	90.3
July	144.4	121.0	156.2	69.3	90.7
August	144.8	121.2	156.3	70.1	90.7
September	145.1	121.6	156.7	70.3	90.9
October	145.7	121.8	156.8	70.8	91.0
November	145.8	121.9	157.0	70.8	91.0
December	145.8	122.3	157.2	71.8	91.1
1994 January	146.2	122.0	156.8	71.8	90.5
February	146.7	123.3	156.9	75.6	90.5
March	147.2	123.2	156.9	75.6	90.2
April	147.4	123.0	156.8	75.3	90.0
May	147.5	123.1	157.0	75.2	90.0
June	148.0	123.3	157.2	75.3	90.3
July	148.4	123.2	157.1	75.3	90.3
August	149.0	123.3	157.1	75.6	90.3
September	149.4	123.3	156.9	75.7	90.3
October	149.5	123.2	156.9	75.7	90.2
November	149.7	123.1	156.6	75.7	90.1
December	149.7	123.1	156.7	75.7	90.2

Table 7.4
Consumer Price Indexes
(1982-1984=100)

	All Goods & Services	All Telephone Services	Local Services	Interstate Toll Service	Intrastate Toll Service
LS Series ID	CUUR0000SAC	CUUR0000SE270A	CUUR0000SEED01	CUUR0000SS27051	CUUR0000SS27061
1995 January	150.3	124.7	160.9	76.3	85.9
February	150.9	123.8	160.4	74.3	85.6
March	151.4	123.6	160.1	74.1	85.5
April	151.9	123.7	160.0	74.9	85.5
May	152.2	123.5	159.5	74.9	85.7
June	152.5	124.0	160.5	74.9	85.5
July	152.5	124.1	160.4	74.9	86.2
August	152.9	123.9	160.2	74.9	86.0
September	153.2	124.1	160.5	74.9	86.1
October	153.7	124.2	160.5	74.9	86.8
November	153.6	124.1	160.6	74.4	86.7
December	153.5	124.6	160.7	75.8	86.8
1996 January	154.4	124.7	160.6	75.8	87.2
February	154.9	124.7	160.7	75.8	87.2
March	155.7	125.4	160.6	78.0	87.5
April	156.3	123.5	156.8	78.0	88.0
May	156.6	125.4	160.3	78.0	88.6
June	156.7	126.0	161.0	78.4	88.9
July	157.0	126.2	161.3	78.4	89.1
August	157.3	126.5	161.3	78.4	90.9
September	157.8	126.7	161.4	78.6	91.0
October	158.3	126.9	161.9	78.6	91.0
November	158.6	127.0	161.9	78.6	91.3
December	158.6	127.2	162.1	78.6	92.1
1997 January	159.1	127.6	161.7	80.4	91.9
February	159.6	127.6	162.3	78.8	93.6
March	160.0	127.9	162.6	78.8	93.9
April	160.2	128.0	162.7	78.8	93.8
May	160.1	128.0	162.9	78.8	93.8
June	160.3	128.3	163.5	78.8	93.8
July	160.5	128.3	163.4	78.7	94.1
August	160.8	127.1	163.4	74.8	94.1
September	161.2	127.1	163.3	74.8	94.5
October	161.6	127.3	163.7	75.1	93.9
November	161.5	127.6	163.8	75.1	95.0
December	161.3	127.5	163.8	75.2	94.7
1998 January	161.6	Discontinued Refer to Table 7.5 for revised index of telephone service	163.8	75.2	94.3
February	161.9		164.4	75.3	93.7
March	162.2		165.6	75.3	94.4
April	162.5		165.6	75.3	95.6
May	162.8		165.7	76.3	96.2
June	163.0		166.1	76.1	97.1
July	163.2		166.2	76.7	95.9
August	163.4		166.0	74.5	96.2
September	163.6		166.1	75.2	96.0
October	164.0		166.3	75.2	96.2
November	164.0		166.4	75.8	96.7
December	163.9		166.0	74.6	96.1

Table 7.4
Consumer Price Indexes
(1982-1984=100)

	All Goods & Services	All Telephone Services	Local Services	Interstate Toll Service	intrastate Toll Service
LS Series ID	CUUR0000SAI	CUUR0000SE270A	CUUR0000SEED01	CUUR0000SS27051	CUUR0000SS27061
1999 January	164.3		167.4	74.7	95.9
February	164.5		167.1	74.5	95.4
March	165.0		167.6	74.0	95.0
April	166.2		165.3	74.8	95.4
May	166.2		168.2	72.5	94.9
June	166.2		169.1	72.4	94.9
July	166.7		169.8	71.7	94.7
August	167.1		170.0	72.1	94.5
September	167.9		169.8	72.1	93.9
October	168.2		169.5	72.9	93.6
November	168.3		170.2	74.5	93.9
December	168.3		170.7	74.1	94.6
2000 January	168.8		171.6	73.9	94.8
February	169.5		171.9	70.7	93.9
March	171.2		172.2	70.0	93.3
April	171.3		172.3	69.5	92.6
May	171.5		172.4	69.2	92.4
June	172.4		173.3	66.9	90.0
July	172.8		175.8	67.5	90.6
August	172.8		179.3	67.1	90.1
September	173.7		177.7	64.8	87.1
October	174.0		179.8	66.1	88.0
November	174.1		180.7	63.9	87.0
December	174.0		180.1	65.8	88.9
2001 January	175.1		181.0	66.2	89.2
February	175.8		181.4	65.9	88.7
March	176.2		181.6	66.9	89.5
April	176.9		183.3	65.6	88.2
May	177.7		183.7	64.8	87.7
June	178.0		184.0	65.2	88.1
July	177.5		185.5	65.3	88.1
August	177.5		186.6	65.0	87.8
September	178.3		186.9	64.3	87.1
October	177.7		187.7	65.0	88.0
November	177.4		188.1	64.3	87.3
December	176.7		188.2	64.5	87.4
2002 January	177.1		189.5	64.8	87.7
February	177.8		190.1	64.5	87.7
March	178.8		186.9	63.9	86.7

Table 7.5
New Consumer Price Indexes
(December 1997 = 100)

	Telephone Services	Long Distance Charges	Cellular Telephone Services
BLS Series ID	CUURO000SEED	CUUR0000SEED02	CUUR0000SEED03
1997 December	100.0	100.0	100.0
1998 January	99.9	99.8	99.0
February	100.0	99.7	98.1
March	100.4	99.9	97.4
April	100.5	100.1	96.4
May	101.1	101.3	96.2
June	101.4	101.7	94.4
July	101.5	101.9	94.2
August	100.4	99.9	93.9
September	100.7	100.4	94.1
October	100.7	100.4	93.7
November	101.1	101.0	92.4
December	100.3	99.9	91.7
1999 January	100.7	99.9	90.9
February	100.4	99.5	89.7
March	100.2	98.9	89.0
April	100.0	99.8	87.8
May	99.6	97.5	85.8
June	99.7	97.4	84.0
July	99.5	96.7	82.9
August	99.8	97.1	82.3
September	99.6	96.8	82.6
October	99.8	97.4	82.0
November	100.6	98.7	81.2
December	100.7	98.6	81.1
2000 January	100.9	98.5	80.6
February	99.4	95.5	79.7
March	98.9	94.4	79.2
April	98.6	93.7	78.9
May	98.5	93.4	78.2
June	97.2	90.6	76.8
July	98.2	91.3	74.9
August	98.9	90.7	73.7
September	97.0	87.9	72.8
October	98.3	89.4	73.0
November	97.5	87.2	72.9
December	98.4	89.5	71.1
2001 January	98.8	89.9	68.9
February	98.7	89.5	68.9
March	99.4	90.7	68.7
April	99.0	89.1	68.8
May	98.7	88.2	68.5
June	99.0	88.7	68.1
July	99.6	88.9	68.6
August	99.6	88.5	68.1
September	99.2	87.6	67.2
October	99.9	88.5	67.1
November	99.6	87.6	67.5
December	99.7	87.9	67.2
2002 January	100.3	88.2	67.5
February	100.3	87.9	67.5
March	99.1	87.0	67.5

Table 7.6
Producer Price Indexes
(June 1995 = 100)

	Final Demand	Telephone Communication except Radiotelephone	Local Service, except Private Line	Residence Local Service	Business Local Service	Coin Local Service	Other Local Service
LS Series ID	pcubfd1#	pcu4813#	pcu4813#1	pcu4813#111	pcu4813#11	pcu4813#11	pcu4813#11
1995 June	100.0	100.0	100.0	100.0	100.0	100.0	100.0
July	100.0	102.8	100.0	100.0	100.0	100.0	100.0
August	99.9	100.7	100.0	100.0	100.0	100.0	100.0
September	99.8	100.6	100.1	100.0	100.2	100.6	100.0
October	100.4	100.4	100.0	99.8	100.2	100.6	100.0
November	100.4	99.6	100.0	99.8	100.2	100.6	100.0
December	100.8	99.6	100.0	99.8	100.2	100.6	100.0
1996 January	101.1	99.3	100.0	99.8	100.1	100.6	100.0
February	101.1	99.6	100.0	99.8	100.2	100.6	100.0
March	101.6	99.5	100.1	99.8	100.2	101.9	100.0
April	102.0	99.7	100.1	99.8	100.2	101.9	100.0
May	102.6	99.5	100.1	99.8	100.2	101.9	100.0
June	102.9	99.9	100.2	100.0	100.2	101.9	100.0
July	102.8	100.3	100.3	100.0	100.4	102.0	100.0
August	103.0	100.6	100.4	100.0	100.5	102.0	100.0
September	102.9	100.5	100.4	100.0	100.5	102.0	100.0
October	103.7	100.4	100.4	100.0	100.5	102.0	100.0
November	103.4	100.1	100.4	100.0	100.5	102.0	100.0
December	103.4	99.5	100.4	100.0	100.5	102.0	100.0
1997 January	103.5	100.5	100.4	100.0	100.5	102.0	100.0
February	103.3	99.8	100.4	100.0	100.5	102.0	100.0
March	103.1	99.0	100.3	100.0	100.5	102.0	100.0
April	102.6	99.2	100.4	100.0	100.6	102.0	100.0
May	102.8	99.9	100.5	100.2	100.7	102.1	100.0
June	102.7	100.4	100.5	100.2	100.7	102.1	100.0
July	102.5	100.1	100.4	100.1	100.5	102.1	100.0
August	102.8	100.4	100.4	100.1	100.5	102.1	100.0
September	102.9	99.3	100.4	100.1	100.5	102.1	100.0
October	103.3	99.0	100.4	100.2	100.5	102.1	100.0
November	102.9	99.0	100.5	100.2	100.5	102.1	102.3
December	102.5	99.1	100.4	100.2	100.5	101.4	102.3
998 January	101.8	99.2	100.5	100.2	100.6	101.7	102.3
February	101.7	99.0	100.5	100.2	100.6	101.7	102.3
March	101.6	98.7	100.5	100.2	100.6	101.7	102.3
April	101.9	98.6	100.5	100.2	100.6	101.7	102.3
May	102.0	98.7	100.4	100.0	100.5	101.7	102.3
June	102.0	98.2	100.3	100.0	100.4	101.7	102.3
July	102.3	99.0	100.3	100.1	100.3	101.7	102.3
August	102.0	98.7	100.3	100.1	100.3	101.7	102.3
September	102.0	98.5	100.3	100.1	100.4	101.7	102.3
October	102.7	97.9	100.3	100.1	100.3	101.7	102.3
November	102.1	97.3	100.3	100.1	100.3	101.7	102.3
December	102.2	97.4	100.3	100.1	100.4	101.7	102.3
999 January	102.5	96.9	100.4	100.2	100.4	101.7	102.3
February	102.1	96.2	100.4	100.2	100.5	101.7	102.3
March	102.3	96.6	100.4	100.2	100.5	101.7	102.3
April	103.0	97.3	100.5	100.2	100.5	101.7	102.3
May	103.4	97.0	100.5	100.2	100.5	101.7	102.3
June	103.7	97.1	100.5	100.2	100.5	101.7	102.3
July	104.0	95.5	100.5	100.2	100.5	101.8	102.5
August	104.5	95.8	100.5	100.2	100.5	101.8	102.5
September	105.3	95.7	100.5	100.4	100.5	101.8	102.5
October	105.7	95.2	100.5	100.4	100.5	101.8	102.5
November	105.6	94.3	100.5	100.4	100.5	101.8	102.5
December	105.7	94.5	100.5	100.3	100.5	101.8	102.5

Table 7.6
Producer Price Indexes
(June 1995 = 100)

	Final Demand	Telephone Communication, except Radiotelephone	Local Service, except Private Line	Residence Local Service	Business Local Service	Coin Local Service	Other Local Service
LS Series ID	pcubfd1#	pcu4813#	pcu4813#1	pcu4813#11	pcu4813#112	pcu4813#113	pcu4813#114
2000 January	105.5	94.8	100.6	100.3	100.6	101.8	102.5
February	106.6	94.1	100.6	100.3	100.6	101.8	102.5
March	107.0	94.8	100.7	100.3	100.9	101.8	102.5
April	107.0	94.0	100.6	100.3	100.6	101.8	102.5
May	107.6	93.7	100.6	100.3	100.6	101.8	102.5
June	108.3	94.2	100.6	100.3	100.6	101.8	102.5
July	108.3	94.3	100.8	100.5	101.0	101.8	102.5
August	108.2	94.0	101.3	101.7	100.6	103.2	102.5
September	109.4	93.8	101.5	101.9	100.6	103.6	102.6
October	109.8	93.4	101.4	101.9	100.5	103.6	102.6
November	109.6	93.0	101.4	101.9	100.5	103.6	102.6
December	109.4	93.1	101.4	101.9	100.5	103.6	102.8
2001 January	110.7	92.2	101.4	101.9	100.5	103.6	102.8
February	110.4	92.0	101.5	101.9	100.5	103.6	102.8
March	110.1	92.0	101.5	101.9	100.5	103.6	102.8
April	110.6	91.9	101.9	102.5	100.7	103.5	102.8
May	111.5	91.8	101.9	102.6	100.7	103.4	102.8
June	111.1	91.4	102.0	102.9	100.7	103.6	102.8
July	110.0	91.5	102.7	104.4	100.7	103.7	103.1
August	110.2	91.8	102.8	104.4	100.7	103.9	103.1
September	110.8	91.4	102.5	104.1	100.6	103.4	103.1
October	108.9	89.8	102.7	104.2	100.7	104.3	103.1
November	108.3	90.0	102.8	104.4	100.7	104.3	103.1
December	107.2	89.4	102.8	104.4	100.7	104.3	103.1
2002 January *	107.5	89.2	103.0	104.6	100.9	104.3	103.1
February *	107.7	88.7	103.2	105.1	100.9	104.3	103.1
March *	108.5	88.8	103.3	105.1	101.0	104.3	103.1

*subject to revision

Table 7.6
Producer Price Indexes
(June 1995 = 100)

	Directory Assistance	Other Local iervice. except Directory Assistance	Public iwitched Tol Service	Residence Switched Toll Service	Intrastate Residence iwitched Ta Service	Interstate Residence Switched Toll Service	international Residence iwitched Tol Service
LS Series ID	cu4813#11401	icu4813#11409	pcu4813#2	icu4813#2	icu4813#21	pcu4813#212	pcu4813#213
1995 June	100.0	100.0	100.0	100.0	100.0	100.0	100.0
July	100.0	100.0	105.2	102.6	101.2	105.2	99.4
August	100.0	100.0	101.3	101.3	101.1	103.7	95.7
September	100.0	100.0	101.0	101.0	103.2	100.1	97.2
October	100.0	100.0	100.8	102.0	105.8	100.9	96.4
November	100.0	100.0	99.3	99.7	102.9	98.1	94.3
December	100.0	100.0	99.1	100.1	104.2	96.3	97.1
1996 January	100.0	100.0	98.8	99.6	101.6	99.3	95.0
February	100.0	100.0	99.3	100.3	104.7	98.2	95.0
March	100.0	100.0	99.0	101.3	106.3	98.8	92.9
April	100.0	100.0	99.3	100.6	104.2	98.6	93.3
May	100.0	100.0	98.8	100.8	106.0	97.9	93.8
June	100.0	100.0	99.5	101.2	106.0	98.2	94.2
July	100.0	100.0	100.2	102.8	106.4	102.3	92.8
August	100.0	100.0	100.9	103.3	110.4	99.2	90.5
September	100.0	100.0	100.6	102.1	107.8	98.1	89.3
October	100.0	100.0	100.4	101.2	104.0	101.3	85.9
November	100.0	100.0	99.9	100.1	105.7	99.1	79.8
December	100.0	100.0	98.8	99.2	105.1	97.0	77.8
1997 January	100.0	100.0	100.6	102.7	103.5	105.4	82.0
February	100.0	100.0	99.3	101.7	103.1	104.1	79.6
March	100.0	100.0	97.7	99.5	102.2	99.0	80.2
April	100.0	100.0	98.2	100.2	101.0	102.2	80.1
May	100.0	100.0	99.3	101.4	101.8	105.0	80.1
June	100.0	100.0	100.3	101.8	101.4	104.9	84.4
July	100.0	100.0	99.7	102.2	99.9	107.0	85.1
August	100.0	100.0	100.4	103.4	100.9	107.1	85.6
September	100.0	100.0	98.4	100.9	100.5	104.2	85.6
October	100.0	100.0	97.8	99.4	100.7	102.0	84.7
November	103.6	100.0	97.6	98.2	103.9	97.3	80.7
December	103.6	100.0	97.9	99.7	100.6	104.6	83.4
1998 January	103.6	100.0	98.0	100.5	99.0	107.2	82.7
February	103.6	100.0	97.7	100.2	96.7	110.0	76.8
March	103.6	100.0	97.2	100.8	94.0	115.1	78.1
April	103.6	100.0	97.0	99.1	97.8	107.3	78.0
May	103.6	100.0	97.2	99.9	99.2	107.3	79.6
June	103.6	100.0	96.4	98.9	99.3	105.3	77.6
July	103.6	100.0	97.9	100.9	99.0	108.7	76.3
August	103.6	100.0	97.2	99.6	97.8	109.1	76.7
September	103.6	100.0	96.8	98.7	97.2	108.3	74.2
October	103.6	100.0	95.7	98.9	97.5	107.8	76.4
November	103.6	100.0	94.6	96.3	96.9	102.4	73.2
December	103.6	100.0	94.8	96.2	96.9	104.2	68.3
1999 January	103.6	100.0	93.9	97.3	97.2	105.0	72.7
February	103.6	100.0	92.5	95.4	96.4	102.0	69.6
March	103.6	100.0	93.3	96.9	97.0	106.0	68.0
April	103.6	100.0	94.5	97.6	96.6	108.0	69.1
May	103.6	100.0	93.9	97.3	96.8	106.8	69.5
June	103.6	100.0	94.2	97.4	96.7	107.2	69.3
July	104.0	100.0	91.1	98.4	97.2	108.7	71.6
August	104.0	100.0	91.7	99.4	97.5	110.1	73.9
September	104.0	100.0	91.4	99.0	96.6	110.1	73.1
October	104.0	100.0	90.5	97.6	96.9	107.5	69.7
November	104.0	100.0	88.8	95.4	95.2	104.0	67.0
December	104.0	100.0	89.3	95.8	94.3	106.6	65.8

Table 76
Producer Price Indexes
(June 1995 = 100)

	Directory Assistance	Other Local service, except Directory Assistance	Public Switched Toll Service	Residence Switched Toll Service	intrastate Residence Switched Toll Service	Interstate Residence Switched Toll Service	International Residence Switched Toll Service
LS Series ID	cu4813#11401	icu4813#11409	pcu4813#2	icu4813#21	icu4813#211	pcu4813#212	icu4813#213
2000 January	104.0	100.0	89.7	96.5	94.8	107.4	67.5
February	104.0	100.0	88.4	94.1	96.2	100.1	65.9
March	104.0	100.0	89.7	96.2	95.0	105.9	68.2
April	104.0	100.0	88.3	94.8	94.4	102.8	66.2
May	104.0	100.0	87.7	93.3	93.6	99.3	66.1
June	104.0	100.0	88.6	95.9	94.4	104.1	66.9
July	104.0	100.0	88.7	95.9	93.8	102.1	67.8
August	104.0	100.0	87.7	94.2	93.8	102.2	67.2
September	104.2	100.0	87.3	94.8	93.9	104.7	64.5
October	104.2	100.0	86.6	93.2	93.5	101.7	61.6
November	104.2	100.0	85.6	92.7	94.1	101.3	58.1
December	104.5	100.0	85.9	93.3	94.4	102.0	59.8
2001 January	104.5	100.0	84.2	92.2	93.3	99.5	60.9
February	104.5	100.0	83.8	92.1	94.1	98.2	61.8
March	104.5	100.0	83.9	92.4	94.7	98.6	61.3
April	104.5	100.0	83.4	92.1	94.3	98.2	61.3
May	104.5	100.0	83.1	92.2	94.3	98.9	60.4
June	104.5	100.0	82.4	91.4	95.2	96.9	57.4
July	104.8	100.0	81.9	91.3	95.6	96.0	57.9
August	104.8	100.0	82.5	92.8	95.8	101.2	54.8
September	104.8	100.0	81.8	91.2	96.2	97.1	53.2
October	104.8	100.0	78.9	87.9	94.5	90.9	50.0
November	104.8	100.0	79.0	88.8	94.8	94.8	45.9
December	104.8	100.0	78.0	87.5	95.0	91.8	43.9
2002 January *	104.8	100.0	77.3	86.2	94.5	88.9	43.6
February *	104.8	100.0	76.3	84.8	93.7	86.6	41.6
March *	104.8	100.0	76.4	85.0	95.5	86.7	39.1

*subject to revision

Table 7.6
Producer Price Indexes
(June 1995 = 100)

	Business Switched Access Toll Service	Business Switched Access Toll Service	Outbound Business Switched Access Toll Service	Intrastate Business Switched Access Toll Service, Outbound	Interstate Business Switched Access Toll Service	International Business Switched Access Toll Service, Outbound	Inbound Business Switched Access Toll Service
LS Series ID	cu4813#22	cu4813#22	cu4813#221	cu4813#2211	cu4813#2211	cu4813#2211	cu4813#2211
1995 June	100.0	100.0	100.0	100.0	100.0	100.0	100.0
July	108.2	104.0	103.8	100.6	102.7	116.4	104.4
August	101.4	101.4	101.3	100.7	102.7	99.2	101.6
September	101.0	102.1	103.1	101.0	103.3	109.4	100.3
October	99.5	100.3	99.4	100.8	98.9	97.0	101.9
November	98.8	99.2	99.4	100.8	98.5	97.9	98.9
December	98.0	98.4	99.2	100.3	98.5	98.9	97.1
1996 January	97.8	98.7	99.1	100.9	95.9	102.7	98.0
February	98.0	99.0	98.3	101.5	96.5	94.0	100.1
March	96.3	96.5	96.2	100.7	93.7	88.7	97.0
April	97.8	98.4	98.0	101.2	94.8	96.3	99.0
May	96.5	96.7	97.8	101.6	95.1	93.9	94.7
June	97.5	97.2	97.5	101.1	96.5	87.6	96.5
July	97.1	97.4	97.2	101.6	95.3	88.8	97.7
August	98.0	99.4	99.7	102.0	101.6	88.5	98.9
September	98.9	100.3	101.7	102.2	108.2	84.0	97.7
October	99.4	102.5	105.0	103.1	114.5	87.4	98.1
November	99.7	101.3	101.4	101.7	106.0	89.1	101.0
December	98.2	99.2	97.8	101.8	98.2	82.2	101.5
1997 January	98.0	100.1	97.6	102.6	96.1	86.6	104.4
February	96.4	98.8	97.5	102.4	98.8	81.1	101.0
March	95.7	98.3	97.9	101.0	98.2	89.1	98.9
April	95.8	98.7	98.7	100.8	100.5	88.7	98.8
May	96.9	100.7	100.7	101.3	106.5	85.8	100.8
June	98.5	103.2	103.7	100.4	113.6	90.7	102.4
July	96.7	103.0	105.9	100.4	121.0	86.0	98.1
August	96.9	104.2	107.0	100.8	124.0	85.2	99.4
September	95.5	103.2	107.9	101.9	125.9	83.1	95.2
October	95.8	103.3	107.6	102.1	124.0	86.7	95.9
November	96.9	104.6	108.3	101.7	125.9	88.3	98.2
December	95.8	104.4	108.8	103.0	126.3	87.2	96.6
1998 January	95.0	102.9	108.7	102.6	126.3	85.3	92.8
February	94.6	103.0	111.1	102.5	132.1	87.5	88.9
March	93.0	100.5	108.9	102.3	128.2	83.6	85.9
April	94.4	103.0	112.6	102.5	137.3	85.8	86.4
May	94.0	102.7	111.5	101.6	135.6	86.5	87.3
June	93.5	102.2	111.2	102.8	132.8	87.0	86.5
July	94.3	103.4	112.0	103.7	134.6	85.3	88.4
August	94.3	102.3	112.9	104.2	135.4	87.9	84.1
September	94.6	105.8	115.6	105.6	142.1	85.2	88.7
October	92.0	102.6	111.2	106.9	130.0	82.3	87.6
November	92.5	102.3	111.4	106.4	129.1	87.1	86.6
December	93.1	103.4	112.5	106.3	132.1	87.8	87.5
1999 January	89.9	100.0	108.1	104.7	122.2	88.1	86.0
February	89.1	99.7	106.4	104.5	118.4	86.2	88.0
March	89.0	100.0	107.5	104.9	120.3	88.0	87.0
April	90.8	101.2	107.9	104.3	122.2	88.1	89.4
May	89.9	100.5	107.9	104.1	120.6	92.3	87.8
June	90.5	101.9	110.5	104.7	123.8	100.2	86.9
July	82.4	93.8	100.0	102.5	104.6	84.2	83.0
August	82.5	95.8	103.2	102.9	112.9	83.5	83.0
September	82.4	94.8	101.8	102.5	110.4	82.1	82.5
October	82.1	94.1	100.0	102.3	109.6	72.6	83.7
November	80.9	92.4	98.8	101.9	108.1	69.3	81.3
December	81.5	93.4	99.3	101.9	107.0	75.4	83.1

Table 7.6
 Producer Price Indexes
 (June 1995 = 100)

	Business Switched Toll Service	Business Switched Access To: Service	Outbound Business Switched Access Toll Service	Intrastate Business Switched Access Toll Service, Outbound	Interstate Business Switched Access Toll Service, Outbound	International Business Switched Access Toll Service, Outbound	Inbound Business Switched Access Toll Service
LS Series ID	cu4813#22	cu4813#22	cu4813#2211	pcu4813#2211	cu4813#22112	pcu4813#2211:	cu4813#2211
2000 January	81.6	95.4	102.1	102.4	109.9	85.2	83.8
February	81.6	92.9	98.5	101.5	104.8	76.9	83.2
March	82.1	95.3	101.4	103.0	113.6	69.3	84.6
April	80.5	93.4	100.1	102.4	110.2	71.0	81.8
May	81.0	93.8	100.9	102.6	111.0	73.9	81.5
June	79.9	93.2	100.9	102.8	111.6	71.8	79.9
July	80.1	93.5	101.4	103.0	112.3	72.8	79.8
August	80.0	94.5	101.6	102.2	110.8	80.3	82.2
September	78.4	92.6	100.1	102.0	110.0	73.0	79.5
October	78.8	93.1	98.9	101.8	108.2	69.6	83.1
November	77.1	91.5	97.5	101.3	102.6	63.0	81.4
December	76.1	91.1	96.9	100.8	100.4	65.8	80.8
2001 January	74.7	87.6	92.1	99.4	95.6	62.8	79.7
February	73.9	87.9	91.2	99.0	95.5	58.0	82.2
March	73.8	87.5	91.0	99.5	92.7	62.2	81.5
April	73.0	87.2	91.0	98.4	96.1	57.1	80.6
May	72.2	85.8	89.3	97.7	93.2	55.1	79.7
June	71.6	84.7	87.0	98.0	86.7	55.3	80.6
July	70.7	84.3	87.1	98.4	86.3	55.3	79.4
August	70.2	83.2	86.2	98.3	85.6	51.9	77.8
September	70.7	83.7	87.1	97.7	07.8	53.6	77.8
October	68.1	80.5	81.5	95.3	77.5	49.2	78.7
November	67.3	77.5	80.1	96.7	70.6	53.2	73.0
December	66.7	77.0	79.5	96.3	69.2	53.8	72.8
2002 January *	66.7	77.1	79.7	96.5	70.0	52.6	72.5
February *	66.2	76.2	79.0	96.5	68.2	52.0	71.4
March *	66.2	76.2			68.2	52.0	71.4

* subject to revision

Tabla 7.6
Producer Price Indexes
(June 1995 = 100)

	Intrastate Business Switched Access Toll Service, Inbound	Interstate Business Switched Access Toll Service, Inbound	International Business Switched Access Toll Service, Inbound	Business Special Access Switched Toll Service, except Private Lines	Outbound Business Special Access Switched Toll Service	Intrastate Business Special Access Switched Toll Service, Outbound
..S Series ID	cu4813#2212	cu4813#2212	cu4813#22123	pcu4813#222	cu4813#2221	pcu4813#22211
1995 June	100.0	100.0	100.0	100.0	100.0	100.0
July	100.6	107.5	94.6	115.4	119.9	119.0
August	100.7	101.8	103.9	101.3	100.3	105.6
September	98.9	101.1	92.4	99.1	97.7	98.9
October	98.3	104.1	99.3	98.0	98.3	107.4
November	99.5	99.5	95.5	98.0	98.5	105.8
December	101.0	93.5	107.1	97.3	97.8	100.0
1996 January	96.2	95.6	106.6	96.3	95.8	105.2
February	97.4	98.8	101.2	96.4	95.1	103.6
March	95.3	90.4	93.4	95.8	94.3	101.2
April	95.9	94.9	91.0	96.9	95.3	102.1
May	91.2	92.3	88.1	96.2	96.6	93.8
June	96.6	90.0	93.9	98.2	96.2	102.2
July	95.6	89.6	93.2	96.7	95.1	112.2
August	91.4	94.8	100.6	95.6	95.9	110.6
September	92.3	94.2	92.9	96.6	95.1	100.7
October	91.0	94.4	93.6	94.2	93.3	96.0
November	91.6	97.9	86.7	96.9	93.6	93.8
December	90.8	91.5	93.2	96.7	90.7	90.3
1997 January	87.1	95.6	101.5	94.6	90.5	85.5
February	90.5	95.5	91.8	92.3	89.6	87.9
March	90.3	93.0	82.8	91.2	88.5	86.3
April	90.7	92.2	90.2	91.0	89.0	88.3
May	87.8	99.0	86.9	90.5	86.7	87.0
June	86.9	100.5	91.7	90.5	87.3	82.0
July	82.2	94.0	84.4	86.1	83.3	83.4
August	81.7	97.4	79.4	84.4	81.0	83.5
September	79.7	88.9	72.5	82.4	76.9	82.8
October	80.8	87.4	74.3	83.2	77.9	81.2
November	79.5	92.0	79.8	83.8	77.8	85.5
December	75.6	90.9	73.9	81.3	76.8	86.0
1998 January	76.0	85.4	68.8	81.7	75.9	83.4
February	74.2	84.7	74.3	80.6	73.2	79.7
March	75.1	80.6	74.8	80.3	76.7	85.8
April	72.9	84.2	67.3	79.7	74.7	77.9
May	69.5	85.8	62.3	79.2	73.0	79.8
June	70.0	85.0	59.8	78.8	68.7	76.0
July	75.6	85.6	60.1	79.0	67.4	65.2
August	74.2	78.6	62.8	80.7	70.5	70.4
September	75.6	86.7	61.1	75.8	66.1	70.5
October	74.6	85.4	55.7	74.1	65.4	65.7
November	70.5	84.8	60.1	76.0	70.1	71.4
December	73.8	84.6	65.6	75.9	67.2	70.1
1999 January	75.3	79.6	69.9	72.9	65.4	67.0
February	78.0	83.4	65.2	71.2	63.5	63.0
March	74.7	82.9	65.4	70.5	62.3	63.5
April	76.5	86.8	70.9	73.3	64.7	69.5
May	74.4	83.7	75.7	72.0	63.1	66.0
June	73.6	82.4	74.5	71.2	60.0	61.9
July	70.7	74.5	79.3	63.0	58.3	61.5
August	70.0	75.3	74.4	60.1	51.5	54.5
September	69.8	74.8	69.0	61.4	54.2	58.7
October	70.5	76.1	79.9	61.9	57.6	60.8
November	68.3	72.3	74.7	61.4	53.9	54.0
December	69.7	75.0	81.2	61.5	56.0	56.3

Table 7.6
Producer Price Indexes
 (June 1995 = 100)

	Intrastate Business Switched Access Toll Service, Inbound	Interstate Business Switched Access Toll Service, Inbound	International Business Switched Access Toll Service, Inbound	Business Special Access Switched Toll Service, except Private Lines	Outbound Business Special Access Switched Toll Service	Intrastate Business Special Access Switched Toll Service, Outbound
LS Series ID	cu4813#2212	cu4813#2212	ycu4813#22123	pcu4813#222	pcu4813#2221	pcu4813#22211
2000 January	70.7	76.6	76.2	58.2	50.6	47.0
February	70.2	75.7	75.0	62.4	55.5	55.3
March	76.1	74.9	80.1	59.7	52.6	52.3
April	69.5	74.5	59.3	58.8	51.9	53.1
May	69.1	74.0	58.0	59.5	54.4	51.9
June	67.5	71.2	59.1	57.3	51.0	52.0
July	67.4	71.0	59.0	57.5	51.3	52.0
August	68.3	76.6	54.1	55.6	48.7	50.3
September	61.9	74.2	51.9	54.3	46.5	46.3
October	69.4	78.2	52.9	54.7	48.9	49.2
November	67.7	75.6	48.4	54.9	48.3	49.0
December	66.8	74.2	53.8	53.4	44.3	43.3
2001 January	65.8	72.5	51.1	53.0	43.8	40.7
February	68.5	77.3	46.8	50.2	42.8	43.1
March	67.6	75.7	51.4	50.7	41.9	41.1
April	66.3	74.5	50.7	48.9	41.3	47.0
May	66.4	72.3	49.6	49.3	41.4	49.5
June	66.7	74.3	49.3	49.6	40.7	44.4
July	67.5	71.0	49.3	47.9	41.1	41.5
August	64.9	69.1	47.4	48.4	39.5	37.5
September	64.3	68.9	50.8	48.8	40.3	37.3
October	66.8	70.1	45.6	47.3	40.5	49.6
November	61.8	59.9	45.6	50.1	41.8	29.2
December	61.6	59.4	45.9	49.3	40.5	29.0
2002 January *	61.3	58.9	45.9	49.2	40.4	29.0
February *	60.5	56.9	46.2	49.3	40.6	29.1
March *	60.5	56.9	46.2	49.3	40.6	29.1

* subject to revision

Table 7.6
 Producer Price Indexes
 (June 1995= 100)

	Interstate Business Special Access Switched Toll Service, Outbound	International Business Special Access Switched Toll Service, Outbound	Inbound Business Special Access Switched Tol Service	Intrastate Business Special Access Switched Toll Service, Inbound	Interstate Business Special Access Switched Toll Service, Inbound	International Business Special Access Switched Toll Service, Inbound
LS Series ID	pcu4813#22212	pcu4813#22213	pcu4813#22221	pcu4813#22221	pcu4813#22222	pcu4813#22223
1995 June	100.0	100.0	100.0	100.0	100.0	100.0
July	98.9	152.8	107.3	101.6	109.0	99.6
August	98.9	100.4	103.3	107.4	102.2	98.5
September	95.3	99.7	101.7	104.9	99.9	97.6
October	92.9	105.7	97.5	93.8	99.7	97.3
November	94.9	105.1	97.0	93.3	98.7	97.2
December	95.3	103.8	96.4	94.2	97.1	97.1
1996 January	92.6	97.8	97.1	93.5	97.7	97.0
February	91.7	96.6	98.9	96.7	101.5	97.3
March	89.4	98.7	98.5	92.5	100.8	97.4
April	92.4	97.1	99.9	108.5	98.8	97.6
May	92.2	100.6	95.5	98.3	96.0	97.5
June	86.6	103.2	101.6	102.2	105.4	97.7
July	82.9	101.7	99.4	101.2	101.1	97.5
August	89.6	101.2	95.0	101.7	91.1	97.2
September	91.6	98.7	99.3	100.1	100.1	97.1
October	91.2	93.2	95.9	103.0	97.8	97.2
November	94.3	91.5	102.9	113.1	107.5	96.9
December	87.7	93.7	107.3	103.0	118.1	96.7
1997 January	86.9	97.4	102.0	106.0	106.4	96.7
February	88.8	94.4	97.3	109.9	96.0	96.5
March	85.2	95.3	96.2	106.7	96.5	96.6
April	87.8	93.1	94.6	101.3	97.4	96.8
May	85.6	88.8	97.3	102.5	101.1	97.2
June	83.7	89.3	96.1	99.9	99.4	97.3
July	77.7	90.5	91.1	98.5	90.0	96.9
August	74.0	89.0	90.6	96.0	91.4	97.1
September	68.5	83.2	92.3	86.6	97.2	97.0
October	72.4	81.7	92.7	88.4	97.2	96.9
November	72.0	82.1	94.6	80.3	99.1	96.7
December	69.3	79.3	89.5	79.1	89.7	96.7
998 January	69.0	82.3	92.2	71.7	96.3	96.5
February	65.7	82.6	93.9	73.6	104.0	96.5
March	69.9	86.0	86.7	68.4	94.4	96.4
April	70.3	80.9	88.8	65.6	103.5	96.6
May	69.6	75.2	90.4	71.2	101.8	96.4
June	63.5	72.3	96.9	76.8	110.9	96.5
July	64.6	70.2	99.9	79.0	120.4	96.5
August	65.1	78.1	99.0	74.9	121.6	96.4
September	62.9	66.4	93.3	80.4	109.7	96.5
October	62.1	67.7	89.6	74.9	104.3	96.5
November	68.0	72.4	86.5	77.2	98.0	96.2
December	63.3	70.3	91.4	79.3	106.5	96.1
999 January	61.4	68.5	86.3	77.3	97.6	96.0
February	58.3	68.0	84.9	84.6	93.0	96.1
March	58.5	63.8	85.2	80.3	94.7	96.0
April	63.6	61.5	88.6	79.8	101.2	96.2
May	63.5	57.7	88.0	79.9	100.0	96.2
June	60.0	54.2	91.2	83.8	104.9	96.9
July	56.6	53.6	71.6	64.0	74.2	97.1
August	53.1	38.7	75.7	67.4	80.7	96.5
September	55.0	43.4	74.4	65.5	79.0	96.2
October	57.3	50.6	69.5	59.5	71.6	92.1
November	51.2	50.1	74.8	65.6	79.6	85.0
December	53.7	52.5	71.2	61.6	74.3	84.5

	Interstate Business Special Access Switched Toll Service, Outbound	International Business Special Access Switched Toll Service, Outbound	Inbound Business Special Access Switched Toll Service	Intrastate Business Special Access Switched Toll Service, Inbound	Interstate Business Special Access Switched Toll Service, Inbound	International Business Special Access Switched Toll Service, Inbound
BLS Series ID	pcu4813#22212	pcu4813#22213	pcu4813#2222	pcu4813#22221	pcu4813#22222	pcu4813#22223
2000 January	44.9	51.3	71.9	62.4	75.2	90.6
February	51.9	53.8	74.8	66.0	79.5	90.0
March	49.4	49.1	72.5	63.1	76.1	90.8
April	51.2	43.7	71.1	61.4	74.0	85.6
May	50.3	53.6	68.7	58.5	70.4	80.3
June	50.3	42.4	68.4	58.2	70.0	90.4
July	50.4	43.3	68.4	58.2	70.0	90.7
August	48.2	38.5	67.9	57.4	69.2	93.0
September	45.3	36.9	68.3	57.9	69.8	95.5
October	46.8	41.6	65.3	54.3	65.2	93.0
November	46.5	40.3	66.7	56.0	67.4	86.7
December	42.0	35.6	69.8	59.8	72.1	88.8
2001 January	39.4	39.0	69.5	59.5	71.6	84.2
February	39.7	34.4	63.5	52.1	62.7	81.3
March	39.5	32.2	66.5	55.4	67.2	84.5
April	34.8	35.4	62.4	52.9	60.4	90.4
May	35.5	33.8	63.4	58.5	60.6	90.1
June	34.9	34.4	65.5	56.8	65.0	93.2
July	38.7	30.8	60.1	49.9	56.9	92.6
August	34.6	33.0	64.4	57.7	62.8	88.5
September	34.2	36.4	64.1	58.5	61.9	87.5
October	33.5	33.7	59.6	53.3	55.1	85.8
November	32.0	48.1	65.0	60.8	63.0	80.6
December	31.6	44.5	65.0	60.8	63.0	80.5
2002 January *	31.6	44.1	65.0	60.8	63.0	80.3
February *	31.7	44.5	65.0	60.8	63.0	80.3
March *	31.7	44.5	65.0	60.8	63.0	80.3

* subject to revision

Table 7.6
Producer Price Indexes
(June 1995 = 100)

	Other Toll Service	Private Lin Service	Intrastate Private Lin Service	LEC Intrastate Private Lin Service	Other Telephony Services	Directory Advertisin	Other Telephone Services
LS Series ID	pcu4813#29	pcu4813#30	pcu4813#31	pcu4813#32	pcu4813#33	pcu4813#34	pcu4813#35
1995 June	100.0	100.0	100.0	100.0	100.0	100.0	100.0
July	100.0	100.0	100.0	100.0	100.0	100.0	100.0
August	100.0	100.0	100.0	100.0	100.0	100.0	100.0
September	100.0	100.0	100.0	100.0	100.0	100.0	100.0
October	100.0	100.0	100.0	100.0	100.0	100.0	100.0
November	100.0	100.0	100.0	100.0	100.2	100.3	100.0
December	100.0	100.0	100.0	100.0	100.2	100.3	100.0
1996 January	100.0	100.0	100.0	100.0	100.2	100.3	100.0
February	100.0	100.0	99.9	99.9	100.2	100.3	100.0
March	100.0	100.0	99.9	99.9	100.2	100.3	100.0
April	100.0	100.4	101.1	101.2	100.2	100.3	100.0
May	100.1	100.4	101.1	101.2	100.2	100.3	100.0
June	99.8	100.4	101.1	101.2	100.2	100.3	100.0
July	100.3	100.4	101.1	101.2	100.2	100.2	100.0
August	100.9	100.4	101.1	101.2	100.2	100.3	100.0
September	100.2	100.4	101.1	101.2	100.2	100.2	100.0
October	100.2	100.3	100.8	100.9	100.4	100.5	100.0
November	100.2	100.3	100.8	100.9	100.6	100.7	100.0
December	100.2	100.3	100.8	100.9	100.6	100.7	100.0
1997 January	100.2	100.3	100.8	100.9	100.5	100.7	100.0
February	100.2	100.3	100.8	100.9	100.6	100.7	100.0
March	100.2	100.3	100.8	100.9	100.5	100.6	100.0
April	100.2	100.3	100.8	100.9	100.5	100.7	100.0
May	100.2	100.3	100.9	101.1	100.5	100.7	100.0
June	100.2	100.3	100.9	101.1	100.5	100.6	100.0
July	100.2	100.3	100.9	101.1	100.5	100.6	100.0
August	100.2	100.3	100.9	101.1	100.5	100.6	100.0
September	100.2	100.3	100.8	100.9	100.5	100.6	100.0
October	100.6	100.3	100.8	100.9	100.7	100.8	100.0
November	100.6	100.3	100.8	100.9	100.7	100.9	100.0
December	100.7	100.3	100.8	100.9	100.7	100.8	100.0
1998 January	100.5	100.3	100.8	100.9	100.7	100.8	100.0
February	101.3	100.3	100.8	100.9	100.8	100.9	100.0
March	101.0	100.3	100.8	100.9	100.7	100.9	100.0
April	101.8	100.3	100.8	100.9	100.7	100.8	100.0
May	101.8	100.3	100.8	100.9	100.7	100.8	100.0
June	101.8	100.3	100.8	100.9	100.7	100.8	100.0
July	102.0	100.3	100.8	100.9	100.7	100.8	100.0
August	101.4	100.3	100.8	100.9	100.7	100.8	100.0
September	102.3	100.3	100.8	100.9	100.6	100.8	100.0
October	102.0	100.3	100.8	100.9	100.8	101.0	100.0
November	101.8	100.3	100.8	100.9	100.8	101.0	100.0
December	102.0	100.3	100.8	100.9	100.8	101.0	100.0
1999 January	101.5	100.2	100.6	100.7	100.8	101.0	100.0
February	101.5	100.3	100.8	101.0	100.8	101.0	100.0
March	101.5	100.3	100.8	101.0	100.8	101.0	100.0
April	101.4	100.3	100.8	101.0	100.8	101.0	100.0
May	102.0	100.3	100.8	101.0	100.8	101.0	100.0
June	100.1	100.3	100.8	101.0	100.8	101.0	100.0
July	101.6	100.3	100.8	100.9	100.2	100.2	100.0
August	100.0	100.3	100.8	100.9	100.2	100.2	100.0
September	101.9	100.3	100.8	100.9	100.8	101.0	100.0
October	100.0	100.3	100.8	100.9	100.8	100.9	100.0
November	98.8	100.3	100.8	100.9	100.9	101.1	100.0
December	99.1	100.4	101.2	101.4	100.4	100.5	100.0

Table 7.6
Producer Price Indexes
 (June 1995 = 100)

	Other Toll Service	Private Line Service	Intrastate Private Line Service	LEC Intrastate Private Line Service	Other Telephone Services	Directory Advertising	Other Telephone Services
LS Series ID	pcu4813#29	pcu4813#3	pcu4813#31	pcu4813#31	pcu4813#3	pcu4813#9	pcu4813#9
2000 January	99.1	100.4	101.2	101.4	100.7	100.9	100.0
February	99.6	100.4	101.2	101.4	100.9	101.0	100.0
March	100.2	100.4	101.2	101.4	100.5	100.7	100.0
April	97.8	100.4	101.2	101.4	100.5	100.7	100.0
May	100.3	100.4	101.2	101.4	100.0	100.1	100.0
June	100.9	100.4	101.2	101.4	100.0	100.1	100.0
July	101.0	100.4	101.2	101.4	100.7	100.9	100.0
August	100.3	100.4	101.2	101.4	100.6	100.7	100.0
September	100.4	100.4	101.2	101.4	101.3	101.6	100.0
October	99.3	100.4	101.1	101.3	100.0	100.0	100.0
November	99.7	100.4	101.2	101.3	101.7	102.0	100.0
December	99.7	100.4	101.1	101.3	101.1	101.3	100.0
2001 January	101.7	100.4	101.1	101.2	101.5	101.8	100.0
February	102.9	100.4	101.0	101.2	101.5	101.8	100.0
March	101.0	100.4	101.0	101.2	101.5	101.8	100.0
April	101.6	100.4	101.0	101.2	101.5	101.8	100.0
May	101.4	100.3	100.7	100.8	101.5	101.8	100.0
June	101.2	100.3	101.0	101.1	101.5	101.8	100.0
July	100.3	100.3	101.0	101.1	101.4	101.7	100.0
August	100.2	100.3	101.0	101.1	101.4	101.7	100.0
September	100.3	100.3	101.0	101.1	101.4	101.7	100.0
October	100.6	100.3	101.0	101.1	101.5	101.8	100.0
November	100.3	100.3	101.0	101.1	101.7	102.1	100.0
December	100.3	100.3	101.0	101.1	101.7	102.0	100.0
2002 January *	100.3	100.5	101.5	101.7	101.7	102.0	100.0
February *	100.3	100.6	101.8	102.0	101.7	102.0	100.0
March *	100.3	100.6	101.8	102.0	101.7	102.0	100.0

* subject to revision

Table 7.7
Average Residential Rates for Local Service in Urban Areas, 1986-2001
(As of October 15)

Year	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001
Representative Monthly Charge *	\$12.58	\$12.44	\$12.32	\$12.30	\$12.36	\$13.03	\$13.05	\$13.16	\$13.19	\$13.62	\$13.71	\$13.67	\$13.75	\$13.77	\$13.64	\$14.05
Subscriber Line Charges	2.04	2.66	2.67	3.53	3.55	3.56	3.55	3.55	3.55	3.54	3.54	3.53	3.52	3.58	4.50	5.03
Additional Monthly Charge for Touch-Tone Service	1.57	1.52	1.54	1.52	1.33	1.06	0.97	0.94	0.77	0.44	0.30	0.25	0.10	0.09	0.06	0.06
Taxes, 911, and Other Charges	1.51	1.56	1.58	1.70	2.00	2.12	2.15	2.29	2.31	2.41	2.40	2.42	2.39	2.48	2.57	2.70
Total Monthly Charge	17.70	18.18	18.11	19.05	19.24	19.77	19.72	19.95	19.81	20.01	19.95	19.88	19.76	19.93	20.78	21.84
Basic Connection Charge	45.63	44.04	42.94	43.06	43.06	42.00	41.50	41.38	41.28	40.91	41.11	41.04	41.24	41.26	41.45	40.16
Additional Connection Charge for Touch-Tone Service	1.34	1.31	1.55	1.76	1.77	1.27	1.22	1.23	0.85	0.23	0.23	0.17	0.12	0.12	0.12	0.12
Taxes, 911, and Other Charges	2.28	2.20	2.11	2.44	2.32	2.30	2.29	2.30	2.33	2.44	2.36	2.46	2.38	2.57	2.53	2.44
Total Connection Charge	49.25	47.55	46.60	47.26	47.15	45.57	45.01	44.92	44.46	43.58	43.70	43.67	43.74	43.95	44.10	42.72
Additional Charge If Drop Line and Connection Block Needed	n.a.	n.a.	6.04	6.07	6.89	6.89	6.50	7.29	6.74	5.90	5.74	5.65	5.64	5.86	5.84	5.84
Lowest-Cost Inside Wiring Maintenance Plan	0.58	0.85	0.89	1.07	1.07	1.20	1.25	1.31	1.45	1.52	1.78	1.68	2.22	2.66	3.03	3.49

n.a.: not available

* Rate is based upon flat-rate service where available, and measured/message service with 100 five-minute, same-zone business-day calls elsewhere.

Table 7.8
Average Local Rates for Businesses with a Single Line in Urban Areas
(As of October 15)

Year	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001
Monthly Representative Service Charge*	\$31.06	\$30.97	\$32.29	\$32.45	\$32.70	\$32.25	\$32.48	\$32.58	\$32.76	\$32.44	\$32.41	\$32.18	\$31.97
Subscriber Line Charges	3.55	3.57	3.57	3.56	3.57	3.57	3.57	3.54	3.54	3.54	3.52	4.39	4.99
Extra for Touch-Tone	2.43	2.35	1.84	1.71	1.67	1.21	0.97	0.82	0.38	0.32	0.25	0.19	0.18
Taxes, 911 and Other Charges	4.21	4.32	4.42	4.57	4.63	4.61	4.79	4.87	4.99	4.97	5.03	5.04	5.04
Total Monthly Charge	41.25	41.21	42.12	42.29	42.57	41.64	41.80	41.81	41.67	41.27	41.21	41.80	42.18
Monthly Charge for Flat-Rate Service	\$33.04	\$33.29	\$34.12	\$34.06	\$34.85	\$34.39	\$34.45	\$34.42	\$34.68	\$34.39	\$33.73	\$33.45	\$33.43
Subscriber Line Charges	3.65	3.69	3.70	3.70	3.70	3.70	3.69	3.61	3.61	3.56	3.50	4.35	5.14
Extra for Touch-Tone	2.12	2.11	1.87	1.84	1.76	1.12	1.00	0.89	0.53	0.49	0.47	0.43	0.41
Taxes, 911 and Other Charges	4.90	4.98	5.22	5.34	5.50	5.36	5.58	5.55	5.58	5.63	5.49	5.68	5.82
Total Monthly Charge for Flat-Rate Service	43.71	44.07	44.91	44.94	45.81	44.57	44.71	44.47	44.39	44.07	43.20	43.90	44.80
Number of Sample Cities with Flat-Rate Service	59	56	54	54	54	53	53	53	53	54	54	54	54
Monthly Charge for Measured/Message Service	\$16.18	\$16.17	\$16.76	\$16.55	\$16.60	\$16.74	\$17.06	\$17.26	\$17.28	\$17.16	\$17.06	\$16.92	\$17.10
200 Five-Minute Business-Day Same-Zone Calls	16.11	16.19	16.70	17.23	17.57	17.38	17.15	17.10	17.18	17.15	17.24	17.63	17.33
Subscriber Line Charges	3.54	3.55	3.55	3.54	3.55	3.55	3.54	3.51	3.51	3.53	3.52	4.39	4.98
Extra for Touch-Tone	2.48	2.39	1.87	1.73	1.68	1.22	0.98	0.83	0.39	0.33	0.25	0.20	0.19
Taxes, 911 and Other Charges	4.41	4.53	4.56	4.77	4.86	4.83	5.01	5.13	5.22	5.19	5.28	5.32	5.32
Total Monthly Charge for Measured/Message Service	42.72	42.83	43.44	43.82	44.26	43.72	43.75	43.84	43.57	43.35	43.35	44.45	44.93
Number of Sample Cities with Measured/Message Service			84	84	84	87	87	86	85	85	85	85	85
Cost of a Five-Minute Business-Day Same-Zone Call	\$0.09	\$0.09	\$0.09	\$0.09	\$0.09	\$0.09	\$0.09	\$0.09	\$0.09	\$0.09	\$0.09	\$0.10	\$0.09
Basic Connection Charge	\$71.05	\$71.36	\$72.75	\$72.55	\$71.41	\$69.88	\$67.87	\$68.47	\$68.67	\$65.83	\$67.87	\$67.77	\$67.84
Additional Connection Charge for Touch-Tone Service	1.70	1.89	1.13	1.19	1.17	0.92	0.27	0.17	0.17	0.12	0.12	0.12	0.12
Taxes	4.06	4.15	4.32	4.33	4.25	4.13	4.17	4.20	4.45	4.13	4.53	4.40	4.42
Total Connection Charge	76.81	77.40	78.20	78.07	76.83	74.93	72.31	72.85	73.29	70.09	72.55	72.29	72.38
Additional Charge If Drop Line and Connection Block Needed	\$5.92	\$7.87	\$6.90	\$6.83	\$6.64	\$6.49	\$7.28	\$6.98	\$6.54	\$6.54	\$6.65	\$6.62	\$6.62
Lowest-Cost Inside Wiring Maintenance Plan	\$1.78	\$1.91	\$2.05	\$2.03	\$2.08	\$2.26	\$2.39	\$2.63	\$2.84	\$3.04	\$3.53	\$3.92	\$4.21

* Rate is based upon flat-rate service where available, and measured/message service with 200 five-minute same-zone business-day calls elsewhere

Table 7.9
Average Local Rates for Businesses with a Key System Line in Urban Areas
(As of October 15th)

Year	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001
Monthly Representative Service Charge*	\$37.19	\$36.74	\$36.92	\$37.18	\$37.36	\$36.98	\$37.34	\$36.98	\$37.25	\$37.30	\$36.99	\$36.48	\$36.79
Subscriber Line Charges	4.87	4.98	4.85	4.78	5.36	5.45	5.61	5.50	5.75	5.82	6.92	6.95	6.68
Extra for Touch-Tone	2.65	2.49	1.94	1.82	1.67	1.23	1.00	0.85	0.41	0.33	0.26	0.20	0.19
Taxes, 911, and Other Charges	5.18	5.23	5.13	5.29	5.39	5.37	5.59	5.66	5.81	6.11	5.95	5.82	5.77
Total Monthly Charge	49.89	49.44	48.84	49.08	49.78	49.04	49.54	49.00	49.22	49.56	50.12	49.43	49.43
Monthly Charge for Flat-Rate Service	\$44.84	\$44.75	\$44.35	\$44.44	\$44.85	\$44.88	\$45.31	\$45.33	\$44.71	\$45.05	\$43.78	\$42.86	\$44.03
Subscriber Line Charges	5.65	5.68	5.55	5.52	6.02	6.16	6.17	6.10	6.63		7.70		7.44
Extra for Touch-Tone	2.25	2.15	1.87	1.84	1.76	1.13	1.07	0.96	0.60	7.06	0.47	7.87	0.41
Taxes, 911, and Other Charges	6.77	6.73	6.70	6.83	6.96	6.96	7.16	7.16	7.17	7.49	7.14	7.49	7.28
Total Monthly Charge for Flat-Rate Service	59.51	59.32	58.48	58.64	59.60	59.14	59.70	59.55	59.11	60.39	59.10	58.34	59.16
Number of Sample Cities with Flat-Rate Service	59	56	54	54	54	53	53	53	53	54	54	54	54
Monthly Charge for Measured/Message Service	\$20.38	\$20.48	\$19.81	\$19.38	\$19.98	\$19.81	\$20.16	\$20.13	\$21.10	\$20.41	\$20.49	\$20.17	\$20.44
200 Five-Minute Business-Day Same-Zone Calls	16.01	16.10	16.88	17.45	17.86	17.66	17.36	17.40	17.33	17.39	17.69	18.09	17.78
Subscriber Line Charges	4.78	4.88	4.74	4.67	5.24	5.35	5.53	5.46	5.61	6.17	6.83	6.85	6.59
Extra for Touch-Tone	2.77	2.59	1.99	1.86	1.70	1.24	1.00	0.86	0.36	0.27	0.19	0.13	0.13
Taxes, 911, and Other Charges	4.93	5.10	4.91	5.05	5.20	5.18	5.35	5.55	5.70	6.08	5.95	5.91	5.80
Total Monthly Charge for Measured/Message Service	48.87	49.14	48.33	48.41	49.98	49.24	49.40	49.40	50.10	50.32	51.15	51.15	50.74
Number of Sample Cities with Measured/Message Service	77	77	78	78	80	81	81	79	77	80	80	80	80
Cost of a Five-Minute Business-Day Same-Zone Call	\$0.0932	\$0.0948	\$0.0935	\$0.0955	\$0.0969	\$0.0947	\$0.0928	\$0.0927	\$0.0922	\$0.0921	\$0.0938	\$0.0958	\$0.0943
Basic Connection Charge for Three Lines	\$166.89	\$165.13	\$178.14	\$178.25	\$170.59	\$169.78	\$167.99	\$167.93	\$167.17	\$166.34	\$163.86	\$163.79	\$163.76
Additional Connection Charge for Touch-Tone Service	5.10	5.68	3.40	3.39	3.48	2.75	0.67	0.67	0.52	0.37	0.37	0.37	0.37
Taxes	9.43	9.30	9.67	9.61	9.02	9.00	9.84	10.04	11.04	10.54	11.24	10.71	10.72
Total Connection Charge for Three Lines	181.42	180.11	191.21	191.25	183.08	181.54	178.49	178.64	178.74	177.28	175.47	174.86	174.85
Additional Charge if Drop Line and Connection Block Needed	13.39	14.09	20.79	12.76	13.28	11.58	11.69	9.89	9.57	9.57	9.69	9.66	9.66

* Rate is based upon flat rate service where available, and measured/message service with 200 five-minute, same-zone business-day calls elsewhere

Table 7.10
Average Local Rates for Businesses with a PBX Trunk in Urban Areas
(As of October 15th)

Year	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001
Monthly Representative Service Charge*	\$39.24	\$39.18	\$40.86	\$40.96	\$40.35	\$39.83	\$40.10	\$40.13	\$40.07	\$40.36	\$39.96	\$39.65	\$39.79
Subscriber Line Charges	4.98	4.98	4.85	4.78	5.36	5.45	5.61	5.57	5.74	5.17	6.92	6.95	6.68
Extra for Touch-tone	3.29	3.29	2.66	2.47	2.38	1.74	1.36	1.13	0.58	0.49	0.39	0.24	0.24
Taxes, including 911 and Other Charges	5.63	5.65	5.71	5.90	5.89	5.83	6.05	6.12	6.24	6.27	6.39	6.26	6.19
Total Monthly Charge	53.14	53.10	54.08	54.11	53.98	52.85	53.12	52.95	52.63	52.29	53.66	53.10	52.90
Monthly Charge for Flat-rate Service	\$49.40	\$49.36	\$51.49	\$51.24	\$51.21	\$51.05	\$51.09	\$50.92	\$50.46	\$51.13	\$49.25	\$49.06	\$49.77
Subscriber Line Charges	5.68	5.68	5.55	5.52	6.02	6.16	6.17	6.10	6.61	6.93	7.70	7.87	7.44
Extra for Touch-tone	3.29	2.65	2.32	2.29	2.14	1.40	1.28	1.15	0.73	0.63	0.61	0.53	0.52
Taxes, including 911 and Other Charges	7.44	7.49	7.75	7.95	7.98	7.95	8.12	8.09	8.08	8.68	7.99	8.11	8.15
Total Monthly Charge for Flat-rate Service	65.81	65.19	67.11	66.99	67.36	66.56	66.66	66.26	65.87	67.36	65.55	65.58	65.88
Number of Sample Cities with Flat-rate Service	53	56	54	54	54	53	53	53	53	54	54	54	54
Monthly Charge for Measured/Message Service	\$20.53	\$20.45	\$20.88	\$20.65	\$20.23	\$20.03	\$20.42	\$20.44	\$21.16	\$20.81	\$21.17	\$20.61	\$20.91
200 Five-minute Business-day Same-zone Calls	16.10	16.10	16.57	17.18	17.61	17.41	17.10	17.04	17.22	17.12	17.47	17.97	17.65
Subscriber Line Charges	4.89	4.85	4.76	4.68	5.27	5.34	5.52	5.47	5.63	5.55	6.85	6.85	6.64
Extra for Touch-tone	3.41	3.41	2.69	2.47	2.37	1.72	1.33	1.08	0.54	0.42	0.30	0.15	0.15
Tax including 911 Charges	5.16	5.16	5.04	5.22	5.25	5.21	5.36	5.51	5.76	5.82	6.04	5.96	5.84
Total Monthly Charge for Measured/Message Service	50.09	49.97	49.93	50.20	50.73	49.71	49.73	49.54	50.31	49.72	51.83	51.54	51.19
Number of Sample Cities with Measured/Message Service	77	74	76	76	78	79	79	78	76	78	78	78	78
Cost of a Five-minute Business-day Same-zone Call	\$0.10	\$0.10	\$0.09	\$0.10	\$0.10	\$0.09	\$0.09	\$0.09	\$0.09	\$0.09	\$0.09	\$0.10	\$0.09
Basic Connection Charge for Three Lines	\$164.60	\$164.60	\$178.28	\$178.39	\$170.74	\$169.93	\$168.08	\$168.02	\$166.42	\$165.91	\$163.43	\$163.36	\$163.15
Additional Connection Charge for Touch-tone Service	5.51	5.51	3.22	3.39	3.48	2.75	0.67	0.67	0.52	0.67	0.37	0.37	0.37
Tax	9.20	9.20	9.65	9.61	9.02	9.01	9.84	10.05	11.04	10.56	11.26	10.72	10.73
Total Connection Charge for Three Lines	179.31	179.31	191.16	191.39	183.23	181.69	178.59	178.73	177.99	177.14	175.06	174.46	174.25
Additional Charge if Drop Line and Connection Block Needed	14.09	14.09	20.79	12.58	13.28	11.58	11.69	10.46	10.10	10.10	9.87	9.84	9.84

Table 7.11
Basic Schedule Interstate Toll Rates of AT&T, WorldCom, and Sprint for Residential Customers for a 10-Minute Day Call
(As of December 31)

	Residence Day Rater for 10-Minute calls																										
	5-Mile Call			16-Mile Call			39-Mile Call			90-Mile Call			200-Mile Call			334-Mile Call			678-Mile Call			1418-Mile Call			2455-Mile Call		
	ATST	WorldCom	Sprint	ATST	WorldCom	Sprint	ATST	WorldCom	Sprint	ATBT	WorldCom	Sprint	ATBT	WorldCom	Sprint	AT&T	WorldCom	Sprint	ATBT	Worldcom	Sprint	ATBT	WorldCom	Sprint	ATBT	WorldCom	Sprint
1980	\$1.01			\$1.41			2.35			\$3.15	\$237	\$230	\$3.54	\$2.58	\$2.50	\$3.74	\$2.81	12.70	\$3.77	\$3.22	\$290	\$3.97	\$361	\$3.20	\$4.17	\$382	\$330
1981	1.13			1.63			2.77			3.67	307	267	4.07	3.39	2.90	4.36	3.62	31.31	4.39	3.66	336.1	4.60	384	3.71	4.80	400	3.83
1982	1.76	\$1.53	\$1.53	2.36	\$1.54	\$1.55	3.00	\$194	\$1.92	3.90	3.28	327	4.09	3.42	3.43	4.37	3.63	3.62	4.49	3.74	3.74	4.60	3.84	3.85	5.15	4.32	4.32
1983	1.76	1.54	1.54	2.38	2.10	2.09	3.00	2.70	2.69	3.90	3.28	3.29	4.09	3.42	3.43	4.37	3.63	3.62	4.49	3.74	3.74	4.60	3.84	3.83	5.15	4.32	4.32
1984	1.65	1.48	1.62	2.27	1.96	2.19	2.79	2.58	2.76	3.69	3.33	3.49	3.87	3.48	3.63	4.06	3.72	3.80	4.18	3.84	3.98	4.29	3.96	4.06	4.83	4.47	4.67
1985	1.98	1.80	1.70	2.59	2.33	2.00	3.00	2.82	2.20	3.48	3.29	3.34	3.66	3.48	3.45	3.85	3.72	3.63	3.97	3.84	3.70	4.07	3.96	3.80	4.43	4.28	4.10
1986	1.75	1.67	1.61	2.26	2.12	2.11	2.57	2.47	2.46	2.95	2.85	2.84	3.14	3.04	3.03	3.33	3.25	3.24	3.44	3.35	3.34	3.54	3.46	3.45	3.79	3.68	3.67
1987	1.46	1.45	1.46	1.89	1.65	1.86	2.09	2.04	2.06	2.38	2.32	2.34	2.56	2.51	2.52	2.75	2.70	2.70	2.95	2.90	2.92	2.96	2.91	2.93	3.08	3.04	3.04
1988	1.47	1.44	1.44	1.78	1.75	1.76	1.98	1.94	1.94	2.16	2.12	2.13	2.34	2.40	2.40	2.43	2.50	2.50	2.64	2.69	2.71	2.64	2.71	2.73	2.75	2.84	2.84
1989	1.71	1.70	1.70	2.01	2.00	2.00	2.21	2.15	2.20	2.21	2.15	2.20	2.30	2.15	2.25	2.31	2.15	2.30	2.40	2.35	2.35	2.50	2.45	2.45	2.50	2.45	2.45
1990	1.71	1.70	1.71	1.97	1.90	1.90	1.97	1.90	1.90	2.15	2.10	2.10	2.15	2.10	2.10	2.30	2.10	2.30	2.39	2.30	2.30	2.49	2.40	2.40	2.49	2.40	2.40
1991	1.70	1.70	1.71	1.80	1.80	1.80	1.90	1.90	1.90	2.10	2.10	2.10	2.10	2.10	2.10	2.30	2.30	2.30	2.30	2.30	2.30	2.44	2.40	2.40	2.45	2.40	2.40
1992	2.00	1.99	2.00	2.20	2.20	2.20	2.20	2.20	2.20	2.20	2.20	2.20	2.20	2.10	2.10	2.30	2.29	2.30	2.30	2.30	2.30	2.40	2.39	2.40	2.50	2.50	2.40
1993	2.20	2.20	2.20	2.30	2.30	2.30	2.30	2.30	2.30	2.30	2.30	2.30	2.40	2.40	2.40	2.40	2.40	2.40	2.40	2.40	2.40	2.50	2.50	2.50	2.50	2.50	2.50
1994	2.40	2.40	2.40	2.40	2.40	2.40	2.50	2.50	2.50	2.60	2.60	2.60	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.80	2.80	2.80
1995	2.40	2.40	2.40	2.40	2.40	2.40	2.50	2.50	2.50	2.60	2.60	2.60	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.80	2.80	2.80
1996	2.60	2.60	2.60	2.80	2.70	2.70	2.80	2.80	2.80	2.80	2.80	2.60	2.90	2.80	2.90	3.00	2.90	2.90	3.00	2.90	3.00	3.00	2.90	3.00	3.10	3.10	3.10
1997	2.80	2.60	2.60	2.80	2.60	2.80	2.80	2.60	2.80	2.80	2.60	2.80	2.80	2.90	2.90	2.80	2.90	3.00	2.80	2.90	3.00	2.80	2.90	3.00	2.80	2.90	3.10
1998	2.80	2.60	2.50	2.80	2.60	2.50	2.80	2.60	2.50	2.80	2.60	2.50	2.80	2.90	2.50	2.80	2.90	2.50	2.80	2.90	2.50	2.80	2.90	2.50	2.80	2.90	2.50
1999	2.60	2.60	2.60	2.60	2.60	2.80	2.60	2.60	2.60	2.60	2.60	2.80	2.60	2.90	2.90	2.60	2.90	3.00	2.60	2.90	3.00	2.60	2.90	3.00	2.60	2.90	3.10
2000	2.95	3.00	2.80	2.95	3.00	3.00	2.95	3.00	3.00	2.95	3.00	3.20	2.95	3.00	3.20	2.95	3.00	3.30	2.95	3.00	3.30	2.95	3.00	3.30	2.95	3.00	3.40
2001	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00
Percent Change 1989 to 2001																											
	75%	76%	76%	49%	50%	50%	36%	40%	36%	36%	40%	36%	30%	40%	33%	30%	40%	30%	25%	28%	28%	20%	22%	22%	20%	22%	22%

Sources: AT&T, WorldCom and Sprint tariffs until tariffs were discontinued on August 1, 2001. Dr. Bob's Long Distance for Less, Market Dynamics, Bethesda, Maryland AT&T's, WorldCom's, and Sprint's websites after tariffs were discontinued.

Table 7.12
Basic Schedule Interstate Toll Rates of AT&T, WorldCom, and Sprint for Business Customers for a IO-Minute Day Call
(As of December 31)

	BusinessDay Rates for io-Minute Calls																										
	5-Mile Call			16-MileCall			39-Mile Call			90-Mile Call			200-Mile Call			334-Mile Call			678-Mile Call			1416-Mile Call			2455-Mile Call		
	ATBT	WorldCom	Sprint	AT&T	WorldCom	Sprint	ATST	WorldCom	Sprint	AT&T	WorldCom	Sprint	ATBT	WorldCom	Sprint	ATST	WorldCom	Sprint	AT&T	WorldCom	Sprint	ATST	WorldCom	Sprint	AT&T	WorldCom	Sprint
1980	\$1.01			\$1.41			\$2.35			\$3.15	\$2.37	\$2.30	\$3.54	\$2.58	\$2.50	\$3.74	\$2.81	\$2.70	\$3.77	\$3.22	62.90	\$3.97	\$3.61	\$3.20	4.17	\$3.82	\$3.30
1981	1.13			1.63			2.77			3.67	3.07	2.67	4.07	3.39	2.90	4.36	3.62	3.13	4.39	3.66	3.36	4.60	3.84	3.71	4.60	4.00	3.83
1982	1.76	\$1.53	\$1.53	2.38	\$1.54	\$1.55	3.00	\$1.94	\$1.92	3.90	3.26	3.27	4.09	3.42	3.43	4.37	3.63	3.62	4.49	3.74	3.74	4.60	3.64	3.85	5.15	4.32	4.32
1983	1.76	1.54	1.54	2.38	2.10	2.09	3.00	2.70	2.69	3.90	3.26	3.29	4.09	3.42	3.43	4.37	3.63	3.62	4.49	3.74	3.74	4.60	3.84	3.83	5.15	4.32	4.32
1984	1.65	1.46	1.62	2.27	1.96	2.19	2.79	2.56	2.76	3.69	3.33	3.49	3.87	3.48	3.63	4.06	3.72	3.80	4.18	3.84	3.98	4.29	3.96	4.06	4.83	4.47	4.67
1985	1.98	1.80	1.70	2.59	2.33	2.00	3.00	2.82	2.20	3.48	3.29	3.34	3.66	3.48	3.45	3.85	3.72	3.63	3.97	3.84	3.70	4.07	3.96	3.80	4.43	4.26	4.10
1986	1.75	1.67	1.61	2.26	2.12	2.11	2.57	2.47	2.46	2.95	2.85	2.64	3.14	3.04	3.03	3.33	3.25	3.24	3.44	3.35	3.34	3.54	3.46	3.45	3.79	3.68	3.67
1987	1.48	1.45	1.46	1.69	1.85	1.86	2.09	2.04	2.06	2.38	2.32	2.34	2.56	2.51	2.52	2.75	2.70	2.70	2.95	2.90	2.92	2.96	2.91	2.93	3.06	3.04	3.04
1988	1.47	1.44	1.44	1.78	1.75	1.76	1.98	1.94	1.94	2.16	2.12	2.13	2.34	2.40	2.40	2.43	2.50	2.50	2.64	2.69	2.71	2.64	2.71	2.73	2.75	2.84	2.84
1989	1.71	1.70	1.70	2.01	2.00	2.00	2.21	2.15	2.20	2.21	2.15	2.20	2.30	2.15	2.25	2.31	2.15	2.30	2.40	2.35	2.35	2.50	2.45	2.45	2.50	2.45	2.45
1990	1.71	1.70	1.71	1.97	1.90	1.90	1.97	1.90	1.90	2.15	2.10	2.10	2.15	2.10	2.10	2.30	2.10	2.30	2.39	2.30	2.30	2.49	2.40	2.40	2.49	2.40	2.40
1991	1.70	1.70	1.71	1.80	1.80	1.80	1.90	1.90	1.90	2.10	2.10	2.10	2.10	2.10	2.10	2.30	2.30	2.30	2.30	2.30	2.30	2.44	2.40	2.40	2.45	2.40	2.40
1992	2.00	1.99	2.00	2.20	2.20	2.20	2.20	2.20	2.20	2.20	2.20	2.20	2.20	2.10	2.10	2.30	2.29	2.30	2.30	2.30	2.30	2.40	2.39	2.40	2.50	2.50	2.40
1993	2.20	2.27	2.27	2.20	2.27	2.27	2.20	2.27	2.27	2.40	2.45	2.45	2.40	2.45	2.45	2.40	2.51	2.51	2.40	2.51	2.51	2.56	2.62	2.62	2.58	2.63	2.63
1994	2.20	2.27	2.54	2.20	2.27	2.54	2.20	2.26	2.54	2.40	2.45	2.77	2.40	2.45	2.77	2.40	2.51	2.77	2.40	2.51	2.77	2.58	2.62	2.98	2.58	2.63	2.98
1995	2.82	2.61	2.72	2.82	2.61	2.72	2.62	2.61	2.72	3.04	2.62	2.94	3.04	2.82	2.94	3.04	2.82	2.94	3.04	2.80	2.94	3.19	2.95	3.08	3.19	2.95	3.08
1996	3.10	3.09	2.72	3.10	3.09	2.72	3.10	3.09	2.72	3.35	3.34	2.72	3.35	3.34	2.94	3.35	3.34	2.94	3.35	3.34	2.94	3.51	3.50	3.08	3.51	3.50	3.08
1997	3.64	3.87	2.69	3.64	3.67	2.89	3.64	3.87	2.89	3.64	3.07	3.12	3.64	3.87	3.12	3.64	3.87	3.12	3.64	3.67	3.12	3.64	3.87	3.26	3.64	3.67	3.26
1998	3.64	3.87	3.34	3.64	3.67	3.34	3.64	3.67	3.34	3.64	3.87	3.60	3.64	3.87	3.60	3.64	3.87	3.60	3.64	3.87	3.60	3.64	3.87	3.77	3.64	3.87	3.77
1999	3.64	4.30	3.51	3.64	4.30	3.51	3.64	4.30	3.51	3.64	4.30	3.76	3.64	4.30	3.76	3.64	4.30	3.76	3.64	4.30	3.78	3.64	4.30	3.96	3.64	4.30	3.96
2000	3.64	4.70	3.51	3.64	4.70	3.51	3.64	4.70	3.51	3.64	4.70	3.78	3.64	4.70	3.70	3.64	4.70	3.78	3.64	4.70	3.78	3.64	4.70	3.96	3.64	4.70	3.96
2001	5.74	5.00	3.51	5.74	5.00	3.51	5.74	5.00	3.51	5.74	5.00	3.51	5.74	5.00	3.51	5.74	5.00	3.51	5.74	5.00	3.51	5.74	5.00	3.51	5.74	5.00	3.51
Percent change 1889 to 2001																											
	236%	194%	106%	166%	150%	75%	160%	133%	60%	160%	133%	60%	150%	133%	56%	149%	133%	53%	139%	113%	49%	130%	104%	43%	130%	104%	43%

Sources: AT&T, Worldcom and Sprint tariffs. until tariffs were discontinued on August 1, 2001. Dr. Bob's Long Distance for Less, Market Dynamics, Bethesda, Maryland. AT&T's, WorldCom's, and Sprint's websites after tariffs were discontinued

Note: Sprint has not offered basic "dial 1" MTS to new business customers since 7/30/95.

Table 7.13
Average Revenue per Minute

	AT&T All Interstate and International Switched Services	All Carriers		
		All Interstate and International Switched Services	International Switched Services	All Interstate Switched Services
1984	\$0.32	NA	NA	NA
1985	0.31	NA	NA	NA
1986	0.28	NA	NA	NA
1987	0.25	NA	NA	NA
1988	0.23	NA	NA	NA
1989	0.22	NA	NA	NA
1990	0.20	NA	NA	NA
1991	0.20	NA	NA	NA
1992	0.19	\$0.19	\$1.01	\$0.15
1993	0.19	0.19	1.02	0.15
1994	0.18	0.18	0.93	0.14
1995	NA	0.17	0.92	0.12
1996	NA	0.16	0.77	0.12
1997	NA	0.15	0.70	0.11
1998	NA	0.14	0.60	0.11
1999	NA	0.14	0.54	0.11
2000	NA	0.12	0.53	0.09

NA - Not available

Note: Data for some prior years have **been** revised

Sources: AT&T information provided by AT&T. Other estimates from Industry Analysis Division, Common Carrier Bureau, **Telecommunications Industry Revenues (February 2002)**. **2000** data were revised to reflect revised Section **43.61** international traffic data for some carriers.

Table 7.14
Interstate Per-Line Access Charges
(National Average per Month per Line)*

Rates in Effect		Charged to End Users† (Subscriber Line Charges)			Charged to Long Distance Carriers ‡ (Presubscribed Interexchange Carrier Charges)			
From	To	Residential and Single-Line Business	Non-Primary Residential	Multiline Business and Centrex	Residential and Single-Line Business	Non-Primary Residential	Multiline Business	Centrex
05/26/84	05/31/85							
06/01/85	09/30/85							
10/01/85	05/31/86							
06/01/86	12/31/86							
01/01/87	06/30/87							
07/01/87	12/31/87							
01/01/88	11/30/88	2.60		5.01				
12/01/88	03/31/89	3.20		5.01				
04/01/89	12/31/89	3.50		4.94				
01/01/90	06/30/90	3.48		4.84				
07/01/90	12/31/90	3.46		4.83				
01/01/91	06/30/91	3.46		4.77				
07/01/91	11/27/91	3.49		4.74				
11/28/91	06/30/92	3.49		4.76				
07/01/92	06/30/93	3.49		4.68				
07/01/93	06/30/94	3.50		5.37				
07/01/94	06/30/95	3.50		5.45				
07/01/95	06/30/96	3.50		5.50				
07/01/96	06/30/97	3.50		5.53				
07/01/97	12/31/97	3.50		5.68				
01/01/98	06/30/98	3.50	\$4.98	6.92	\$0.49	51.50	52.52	50.35
07/01/98	12/31/98	3.50	4.99	7.11	0.49	1.38	2.36	0.38
01/01/99	06/30/99	3.50	5.88	7.05	0.49	1.36	2.22	0.32
07/01/99	12/31/99	3.50	5.84	6.94	0.95	1.77	2.78	0.42
01/01/00	06/30/00	3.50	5.81	6.94	0.92	1.70	2.44	0.35
07/01/00	06/30/01	4.28	5.99	6.66	0.00	0.00	2.30	0.37
07/01/01	12/31/01	4.78	5.93	6.66	0.00	0.00	1.35	0.22
01/01/02	06/30/02	4.92	5.93	6.79	0.00	0.00	1.35	0.22

* This table shows average rates (weighted by access lines) for all local exchange carriers (LECs) that file access tariffs subject to price-cap regulation and all LECs in the National Exchange Carrier Association (NECA) pool.

† Prior to 1/01/98 carriers did not charge separate subscriber line charge (SLC) rates for primary and non-primary residential lines. Therefore, the residential and single-line business average SLCs reported prior to 1/01/98 include all residential SLC charges. The average residential and single-line business SLC rate as of 1/01/98 excludes non-primary residential SLC charges. Non-primary SLC charges are now reported separately, except for the LECs in the NECA pool, which continue to charge a single residential SLC. Under price-cap regulation, as of January 1, 2002, the caps on SLCs for primary residential and single-line business, non-primary residential, and multiline business and Centrex lines equal \$5.00, \$7.00, and \$9.20, respectively. For NECA pool companies, the residential SLC cap is \$5.00, while the multiline business and Centrex SLC cap equals \$9.20.

‡ On 1/01/98 price-cap carriers began to charge presubscribed interexchange carrier charges (PICCs). The reported PICCs are averages per line including both price-cap and NECA pool lines. While carriers do not charge different rates for Centrex and multiline business SLCs, they do charge different PICC rates for these lines. Therefore, the average multiline business and Centrex PICC rates are reported separately. However, multiline business line counts, used to compute average PICC rates, include Centrex lines for LECs in the NECA pool, which do not charge PICCs or distinguish in access filings between the two line types. On 7/01/00 price-cap carriers stopped charging residential and single line business PICCs. Therefore, under price-cap regulation, as of July 1, 2000, the caps on PICCs for primary residential and single-line business, non-primary residential, and multiline business lines equal \$0.00, \$0.00, and \$4.31, respectively. Centrex groups of 9 or fewer lines are capped at the multiline business PICC rate of \$4.31 per group. Centrex groups with more than 9 lines are capped \$0.48 per line (1/9th the multiline business rate).

Source: Access tariff filings.

Table 7.15
Interstate Per-Minute Access Charges
(National Average in Cents per Minute) •

Rates in Effect		Interstate Charges for Switched Access Service				
From	To	Carrier Common Line per Originating Access Minute'	Carrier Common Line per Terminating Access Minute"	Traffic Sensitive per Switched Minute	Non-Traffic Sensitive per Switched Minute †	Total Charge per Conversation Minute ‡
05/26/84	01/14/85	5.24 ¢	5.24 ¢	3.10 ¢		17.26 ¢
01/15/85	05/31/85	5.43	5.43	3.10		17.66
06/01/85	09/30/85	4.71	4.71	3.10		16.17
10/01/85	05/31/86	4.33	4.33	3.10		15.38
06/01/86	12/31/86	3.04	4.33	3.10		14.00
01/01/87	06/30/87	1.55	4.33	3.10		12.41
07/01/87	12/31/87	0.69	4.33	3.10		11.49
01/01/88	11/30/88	0.00	4.14	3.10		10.56
12/01/88	02/14/89	0.00	3.39	3.00		9.60
02/15/89	03/31/89	0.00	3.25	3.00		9.46
04/01/89	12/31/89	1.00	1.83	3.00		9.11
01/01/90	06/30/90	1.00	1.53	2.50		7.78
07/01/90	12/31/90	1.00	1.23	2.50		7.48
01/01/91	06/30/91	1.00	1.14	2.40		7.18
07/01/91	06/30/92	0.88	1.06	2.40		6.97
07/01/92	06/30/93	0.79	0.95	2.40		6.76
07/01/93	06/30/94	0.88	1.16	2.20		6.66
07/01/94	06/30/95	0.84	1.08	2.10	0.28 ¢	6.89
07/01/95	06/30/96	0.74	0.89	1.96	0.21	6.16
07/01/96	06/30/97	0.72	0.89	1.95	0.17	6.04
07/01/97	12/31/97	0.64	0.84	1.63	0.14	5.18
01/01/98	06/30/98	0.68	0.23	1.29	0.21	4.04
07/01/98	12/31/98	0.91	0.20	0.99	0.30	3.82
01/01/99	06/30/99	0.82	0.16	0.98	0.32	3.71
07/01/99	12/31/99	0.37	0.10	0.86	0.28	2.82
01/01/00	06/30/00	0.32	0.10	0.86	0.31	2.85
08/11/00	06/30/01	0.23	0.07	0.52	0.26	1.91
07/01/01	12/31/01	0.15	0.07	0.48	0.24	1.71
01/01/02	06/30/02	0.15	0.07	0.47	0.24	1.69

* This table shows average rates (weighted by minutes of use) for all local exchange carriers (LECs) that file access tariffs subject to price-cap regulation and all LECs in the National Exchange Carrier Association (NECA) pool. The average rates reported here do not include the average revenue per minute from subscriber line charges (SLCs) or primary interexchange carrier charges (PICCs), which are reported in Table 7.14.

† Non-traffic sensitive charges include charges assessed on a per-month per-unit basis. Prior to 07/01/94 these charges were included in the average traffic-sensitive rates.

‡ The total charge per conversation minute consists of charges on the originating end of the call, which are adjusted for dialing and call setup time, plus charges on the terminating end. Originating charges per conversation minute equal the carrier common line charge per originating access minute plus the traffic-sensitive charge per switched minute, both multiplied by 1.07 to account for dialing and call setup time, plus the non-traffic-sensitive charge per switched minute. Terminating charges per conversation minute equal carrier common line charges per terminating access minute plus both traffic-sensitive and non-traffic-sensitive charges per switched minute.

Source: Access tariff filings

Table 7.16
Interstate Per-Line Access Charges by Carrier
(In Dollars per Month per Line)*

Company	Rates Effective From 01/01/02 To 6/30/02							2000 Average Monthly Access Lines† (Thousands)		
	Subscriber Line Charges			PresubscribedInterexchangeCarrier Charges						
	Residential and Single-Line Business	Non-Primary Residential	Multiline Business and Centrex	Residential and Single-Line Business	Non-Primary Residential	Multiline Business	Centrex	Residential and Single-Line Business	Non-Primary Residential	Multiline Business and Centrex
BellSouth	5.00	6.95	7.84	0.00	0.00	2.94	0.32	15,105	2,615	6,675
Cincinnati Bell	5.00	6.07	5.32	0.00	0.00	0.00	0.00	653	86	293
Citizens	4.97	6.80	8.56	0.00	0.00	2.90	0.46	1,379	111	407
Global Crossing	4.71	5.91	8.03	0.00	0.00	1.02	0.28	644	93	264
Iowa Telecom	5.00	7.00	9.20	0.00	0.00	4.31	0.59	99	5	19
Qwest	4.97	6.53	7.87	0.00	0.00	0.69	0.18	10,031	1,864	4,763
SBC	4.75	4.84	5.21	0.00	0.00	0.19	0.04	30,776	6,991	18,550
Sprint	4.91	6.38	7.95	0.00	0.00	2.37	0.44	5,281	828	1,850
Verizon	4.99	6.39	7.37	0.00	0.00	2.19	0.56	33,959	7,059	16,595
Price Caps	4.91	5.93	6.69	0.00	0.00	1.41	0.22	97,927	19,652	49,416
NECA	5.00	NA	9.20	NA	NA	0.00	NA	9,642	NA	2,163
All Price Caps and NECA	\$4.92	\$5.93	\$6.79	\$0.00	\$0.00	\$1.35	\$0.22	107,569	19,652	51,579

* This table shows average rates (weighted by access lines) for all local exchange carriers (LECs) that file access tariffs subject to price-cap regulation and all LECs in the National Exchange Carrier Association (NECA) pool. Rates are composites of all regions and subsidiaries of each local exchange carrier. No information is available for those carriers that are not in the NECA pool, but are subject to rate-of-return regulation.

† Access line counts measure lines that companies report as qualified to receive subscriber line charges (SLCs). ISDN-BRI lines, which are charged non-primary SLC and PICC rates are included in the non-primary residential line counts. ISDN-PRI lines, which are charged rates equal to five times the multiline business SLC and PICC rates, are multiplied by five and added to multiline business counts.

N/A: not available

Source: Access tariff filings

Company	Rates Effective From 01/01/02 To 6/30/02					2000 Minutes of Use (Millions)		
	Carrier Common Line per Originating Access Minute	Carrier Common Line per Terminating Access Minute	Switched Traffic Sensitive per Access Minute	Switched Non-Traffic Sensitive per Access Minute †	Total Charge per Conversation Minute ‡	CCL Originating	CCL Terminating	Local Switching
BellSouth	0.00 ¢	0.00 ¢	0.36 ¢	0.18 ¢	1.10 ¢	27,845	57,012	83,187
Cincinnati Bell	0.00	0.00	0.51	0.21	1.49	1,042	2,162	3,215
Citizens	0.57	0.00	0.87	0.65	3.69	2,747	2,865	5,680
Global Crossing	0.05	0.00	0.61	0.41	2.15	575	1,583	2,160
Iowa Telecom	0.81	0.00	0.84	0.15	2.90	134	185	
Qwest	0.00	0.00	0.54	0.18	1.47	21,018	39,686	61,107
SBC	0.00	0.00	0.43	0.21	1.30	64,610	92,623	158,985
Sprint	0.03	0.00	0.63	0.17	1.68	10,375	15,681	26,235
Verizon	0.20	0.00	0.44	0.21	1.54	58,300	131,143	190,087
All Price Caps NECA	1.00	1.50	1.12	1.43	7.75	16,085	17,824	530,987 17,354
All Price Caps and NECA	0.15 ¢	0.07 ¢	0.47 ¢	0.24 ¢	1.69 ¢	202,731	360,764	548,341

* This table shows average rates (weighted by minutes of use) for all local exchange carriers (LECs) that file access tariffs subject to price-cap regulation and all LECs in the National Exchange Carrier Association (NECA) pool. Rates are composites of all regions and subsidiaries of each local exchange carrier. No information is available for those carriers that are not in the NECA pool, but are subject to rate-of-return regulation. The average rates reported here do not include the average revenue per minute from subscriber line charges (SLCs) or primary interexchange carrier charges (PICCs), which are reported in Table 7.16.

† Non-traffic-sensitive charges include charges assessed on a per-month per-unit basis. Prior to 07/01/94 these charges were included in the average traffic-sensitive rates.

‡ The total charge per conversation minute consists of charges on the originating end of the call, which are adjusted for dialing and call setup time, plus charges on the terminating end. Originating charges per conversation minute equal the carrier common line charge per originating access minute plus the traffic-sensitive charge per switched minute, both multiplied by 1.07 to account for dialing and call setup time, plus the non-traffic-sensitive charge per switched minute. Terminating charges per conversation minute equal carrier common line charges per terminating access minute plus both traffic-sensitive and non-traffic-sensitive charges per switched minute.

Source: Access tariff filings.